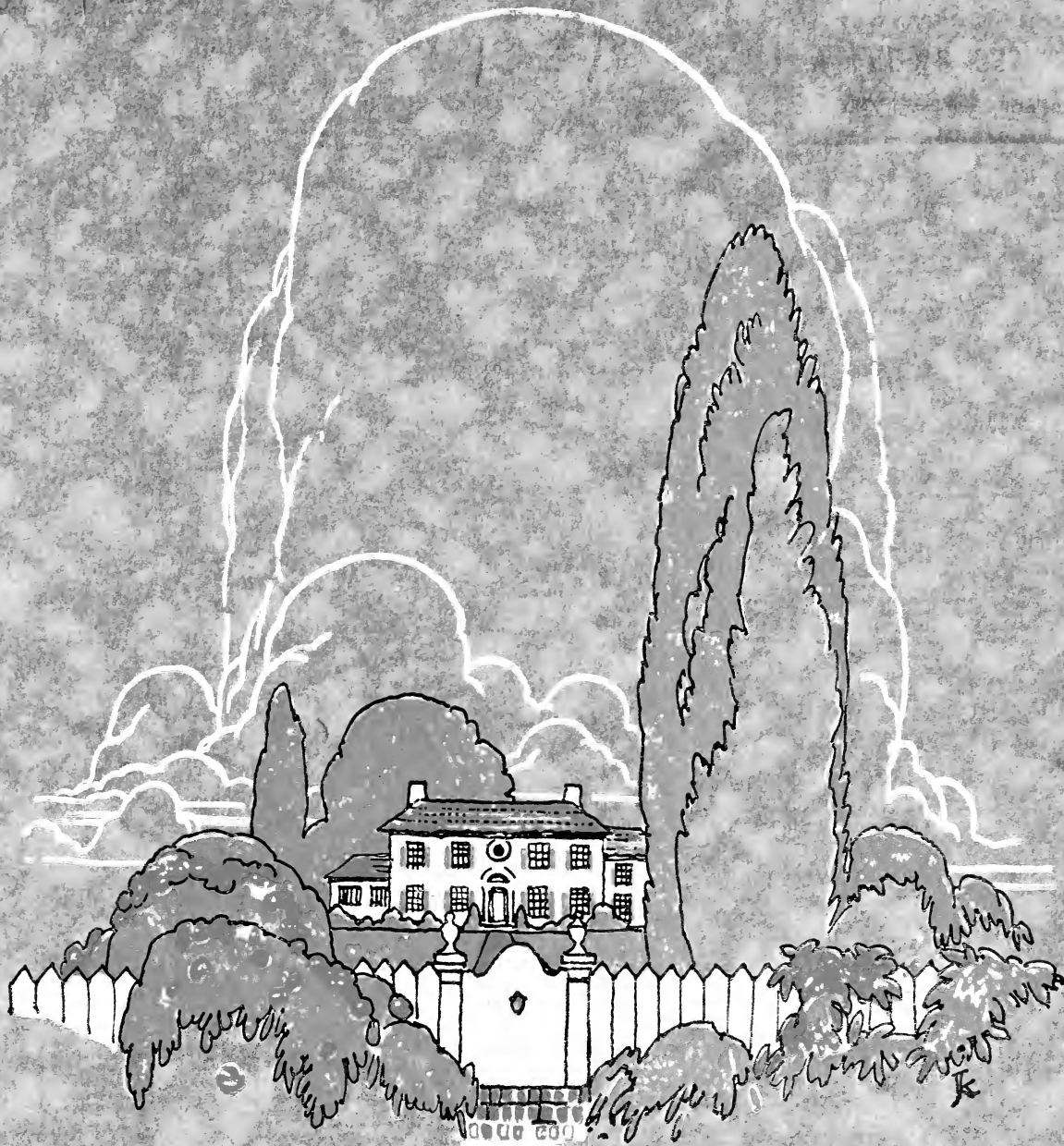


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62-43



The PARK NURSERIES

HOLME & OLSON INC.
ST. PAUL MINNESOTA

32 YEARS

Growing Hardy Plants for Northern Gardens



THIRTY-TWO years ago, when the Holm & Olson organization started as pioneers in the business of growing fine nursery stock, it was evident that successful plantings could result only from stock thoroughly acclimated to the soil and climatic conditions of the central and northwest region. Our nurseries were established to provide our customers in this section with the hardiest of plants, grown in a manner to produce the excellent landscape effects and immediate showing for which our products are noted. Thirty-two years of successful enterprise attests to the soundness of this policy and the value of our service and products.

H. & O. QUALITY PLANTS INSURE SUCCESS

Growing Hardy plants for northern gardens includes in its meaning the growing of hardy plants in a manner to insure successful planting. H. & O. plants are not crowded in the nursery. They are given room to develop size and shape, and are transplanted to develop an adequate root system. Plants are not marketed until they reach the H. & O. standard of quality. This proper growing and careful handling of all our plants insures your success in landscape planting.

VISIT OUR NURSERIES

Come to the Park Nurseries and see the stock. You will find a larger list of varieties than in any other nursery in the West. Personal selections can be made, and our Superintendent, who conducts you, will tag the specimens. At the proper planting-time, they will be carefully dug and shipped.

The nurseries, at 1200 St. Clair Street, St. Paul, are easily accessible from both of the Twin-Cities, either by motors or street cars. For information, call at our downtown office, 20-22-24 West 5th St., only a few doors from the St. Paul Hotel.

THE PARK NURSERIES

HOLM & OLSON, Inc.

Landscape Architects

ST. PAUL - MINNESOTA

HOW WE SERVE YOU:

READ BEFORE ORDERING

ORDER EARLY. An early order enables us to give your requirements particularly good attention. Orders placed in advance of the actual shipping season can invariably be handled with greater care and precision than those reaching us in the midst of the planting rush.

OPEN AN ACCOUNT WITH US. New customers who desire to open accounts are asked to give the usual bank or commercial references. Accounts are due and payable by the 10th of the month following receipt of statement.

NO CHARGE FOR PACKING. Prices are always based on stock at our nurseries. Careful packing is done without charge.

SHIPPING INSTRUCTIONS. Please give directions how to ship (whether freight, express or parcel post) and best route where any preference. When not instructed we will use our best judgment. When shipments are receipted for as in good condition by the transportation company, our responsibility ceases. Any claim for damage or delay in transit should be made promptly to the delivering company who alone is responsible.

LIBERAL REPLACEMENT OFFER. Made because of our confidence in the vitality of our hardy Northern-grown plants. We agree to re-supply F. O. B. our nurseries at one-half of the original purchase price, any nursery stock purchased from us at catalog rates that may fail to grow the first season from causes other than abuse or neglect. This offer applies only to accounts that are promptly paid in full when due. Any labor involved in planting such replace orders is to be charged in full to the customer.

There are good reasons why plants may sometimes fail to grow well after transplanting. Poor soil, dried condition due to transportation delay, careless or improper culture, excessive drought, neglect, insect or disease attacks are some of the causes often to blame. After delivering plants in good order to your home or to the transportation company, it is obvious that we have no control whatever over these future conditions. It is not reasonable, therefore, to ask us, nor do we in any way agree, to guarantee the results or the outcome of plantings. Should any plant prove untrue to variety ordered we will replace it without charge, or refund the purchase price.

"HOME LANDSCAPES"—our name for this catalog—has been arranged to help you in your planning for more pleasure and enjoyment in your yard. We welcome the opportunity to give any further information you may desire.



A COMPLETE LANDSCAPE SERVICE

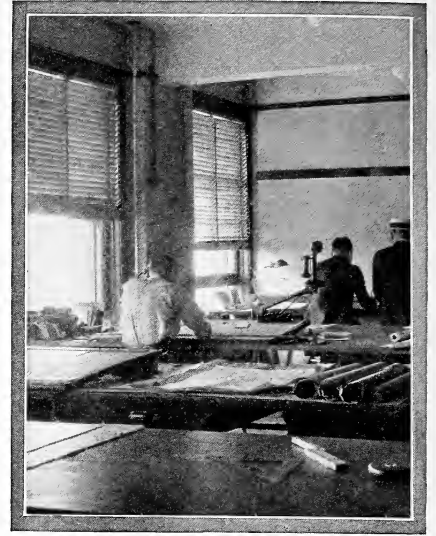
*Just the Kind of a Landscape Service
the Home Owner Likes*



MOST home owners we find are practical people. They are interested in a beautiful landscape setting for their home—a setting which is in harmony with the architecture of their house and which expresses their individuality.

They wish to secure such a setting in a practical, economical way without worries, or uncertainties. To accomplish all this seems like a big job, but Holm and Olson, with their complete landscape organization, are doing this over and over for many people. Their's is a *complete Landscape Service*, from planning with you, to actual construction and completion of the work.

You will find Holm and Olson service is a friendly service which tries above all to please. It is designed to meet every landscape need, from the smallest home and door yard planting to the vast estate and city park. Our skilled landscape architects plan "with" you rather than "for" you. Our planting service includes looking after every detail of planting from start to finish. Our equipment is complete and the work is under the direction of competent and experienced superintendents.



FOLLOW A PLAN FOR BEST RESULTS

Correct planning is an art. Even people of unquestioned good taste know that being able to appreciate beauty and being able to create or develop beauty are two distinct accomplishments. We suggest, therefore, that you use our facilities for the making of an adequate landscape plan for the development of your home. The plan may then be carried out step by step at each planting season, or the work done all at once. With the plan as a practical guide you will be assured of artistic, harmonious results with the minimum of expense.



CONSULT US —

OUR customers can receive expert landscape advice for improving their home grounds without extra cost. When plans and specifications are delivered a charge in the amount of ten per cent of the cost of the plants that are needed is made. Later on when your order for the plants is entered, a credit in the amount of the plan charge is shown on the order. This method enables us, by covering actual overhead expenses, to furnish worth-while landscape advice—something that will be of real merit and value to you.

For larger problems and for special trips and consultations, the charge for the landscape architect's services depends largely upon the time required. Cost estimates for this will be cheerfully given.

WE PLAN WITH YOU BY MAIL

If you live out of town, your landscape problem can very often be solved directly from our office with the help of such data as you can easily furnish. This eliminates the need or expense of a special trip. Full information will be given in response to your inquiry.

WRITE OR CALL US TODAY and arrange to have one of our representatives call.

Our telephone number is: Cedar 6083-St. Paul; Drexel 7245-Minneapolis.

Just ask for the Landscape Department.



Trees should be planted to frame the view of the house as well as to give shade where needed.
Residence of Mr. Sam Friedman, St. Paul.

HARDY ORNAMENTAL TREES

Grown Especially for this Northern Region



YOUR home will offer the greatest comfort and charm when shade trees contribute their delightful shade and beauty. Each year they grow more beautiful, but it takes so many seasons to develop a tree it is important to plant them as soon as possible. Our northern grown trees with their well developed root systems will help you get quicker and better results.

ASH, American White (*Fraxinus americana*). A native shade and forest tree. Straight, clean growth. Few insect troubles. Good for general planting on the lawn or in parks. 70 ft.

	Each
6 to 8 ft.	\$1.50
8 to 10 ft.	2.25
10 to 12 ft., 1½ to 2 in. diameter...	3.50
10 to 12 ft., 2 to 2½ in. diameter...	4.75
12 to 14 ft., 2½ to 3 in. diameter...	7.00

BASSWOOD. See Linden, American.

BOXELDER (*Acer negundo*). A rapidly-growing, large tree. 40 ft.

6 to 8 ft.	\$1.25
8 to 10 ft.	1.75

BIRCH, Cutleaf Weeping. White bark; graceful branches; much used as a specimen tree on lawns. 35 ft.

5 to 6 ft.	\$4.00
6 to 8 ft.	5.00
8 to 10 ft.	7.00

Birch, European White (*Betula alba*). White bark; erect

growth. 50 ft.
6 to 8 ft. \$3.00; 8 to 10 ft. \$4.00

BUTTERNUT (*Juglans cinerea*). A hardy, nut producing tree. 70 ft.

6 to 8 ft. \$2.25; 8 to 10 ft. \$3.00

CATALPA, Western (*Catalpa speciosa*). The hardiest of the Catalpas. White flowers. 50 ft.

6 to 8 ft. \$1.50; 8 to 10 ft. \$2.00

CHERRY, Black. (*Prunus serotina*). A native tree. White, fragrant flowers. Glossy leaves. Hardy. The fruit attracts birds. 50 ft.

5 to 6 ft. \$1.75; 6 to 8 ft. \$2.25
8 to 10 ft. 2.75

CRAB, Bechtel's Double Flowering. Desirable lawn specimen. Covered in spring with rose-like pink flowers. A splendid symmetrical small tree. 15 ft.

3 to 4 ft. \$2.00
4 to 5 ft. 2.75

Crab, Japanese Flowering (*Malus floribunda*). Covered in spring with carmine pink flowers. Fruits ornamental. 15 ft.

3 to 4 ft. \$2.00
4 to 5 ft. 2.75

Crab, Parkman's Flowering. Flowers are of semi-double, rosy-white. 15 ft.

3 to 4 ft. \$2.00
4 to 5 ft. 2.75

Crab, Soulard's (*Malus soulardi*). A hardy, native Crab beautiful in blossom and in fruit. 15 ft.

3 to 4 ft. \$2.00
4 to 5 ft. 2.50



BECHTEL'S DOUBLE FLOWERING CRAB.
Beautiful Rose-like Flowers in Springtime.

Shade Trees add real value to your Home.

ORNAMENTAL TREES—Continued



Plant a Shade Tree and enjoy just such a comfortable spot in your yard.

ELM, American (*Ulmus americana*). Unquestionably the most popular tree in America for shade, street and lawn planting. It is tough grained and fast growing which places it at the head of the "permanent" class of ornamental trees. Very hardy. 60 ft.

Each

6 to 8 ft.	\$ 1.75;	8 to 10 ft.	\$ 2.50
10 to 12 ft., 1½ to 2 in. diameter.	4.50		
10 to 12 ft., 2 to 2½ in. diameter.	6.50		
12 to 14 ft., 2½ to 3 in. diameter.	9.00		
12 to 14 ft., 3 to 3½ in. diameter.	12.00		
12 to 14 ft., 3½ to 4 in. diameter.	14.00		
12 to 14 ft., 4 to 5 in. diameter.	18.00		
14 to 16 ft., 5 to 6 in. diameter.	25.00		
14 to 16 ft., 6 to 7 in. diameter.	30.00		
Specimen trees	\$40.00 to 75.00		

Elm, Chinese (*Ulmus parvifolia*). A new and beautiful lawn tree from Asia. Small, refined leaves. Quick growing.

6 to 8 ft.\$3.50; 8 to 10 ft.\$5.00

GINKGO or Maidenhair (*G. biloba*). Exotic in appearance. Leaves fan-shaped. 50 ft.

6 to 8 ft.\$3.25 8 to 10 ft. 4.50

HACKBERRY (*Celtis occidentalis*). The foliage somewhat resembles the Elm. Wide spreading tops giving good shade. Very hardy. 50 ft.

6 to 8 ft.\$2.25 8 to 10 ft. 3.25
10 to 12 ft. 4.50
Specimen trees\$20.00 to 60.00

HORSECHESTNUT—(Buckeye) (*Aesculus hippocastanum*). Five-fingered leaves. White flowers in spikes. 40 ft.

5 to 6 ft.\$3.00; 6 to 8 ft.\$4.00
8 to 10 ft. 7.50

LINDEN, American (*Basswood*) (*Tilia americana*). Broad, heart-shaped leaves; fragrant white flowers. Quite hardy, native, fine for lawn planting. 50 ft.

6 to 8 ft.\$ 2.25; 8 to 10 ft.\$ 3.75
10 to 12 ft., 1½ to 2 in. diameter. 6.00
10 to 12 ft., 2 to 2½ in. diameter. 9.00
10 to 12 ft., 2½ to 3 in. diameter. 11.00
Specimen trees\$40.00 to 75.00

LOCUST, Black (*Robinia pseudoacacia*). Airy foliage; fragrant white flowers. 50 ft.

Each

5 to 6 ft.	\$1.00
6 to 8 ft.	1.50
8 to 10 ft.	2.00

MAPLE, Ash-Leaved. See Box Elder.

Maple, Norway (*Acer platanoides*). Handsome tree; rounded head; broad, dark-green leaves. The leaves stay green late in the fall turning yellow at last. A splendid lawn tree. 40 ft.

6 to 8 ft.	\$ 3.50
8 to 10 ft.	4.75
10 to 12 ft., 1½ in. diameter. .	6.50
10 to 12 ft., 2 to 2½ in. diameter.	9.50
Specimen trees.	\$30.00 to 80.00

Maple, Purple Leaf (*Acer platanoides* Schwedler). Leaves are bright reddish-purple in spring toning to a deep, purplish-green later. Highly prized for lawn planting. 40 ft.

6 to 8 ft. (slightly branched). .	\$4.50
8 ft., 1 in. diameter.	8.50
8 to 10 ft., 1 to 1½ in. diameter.	15.00

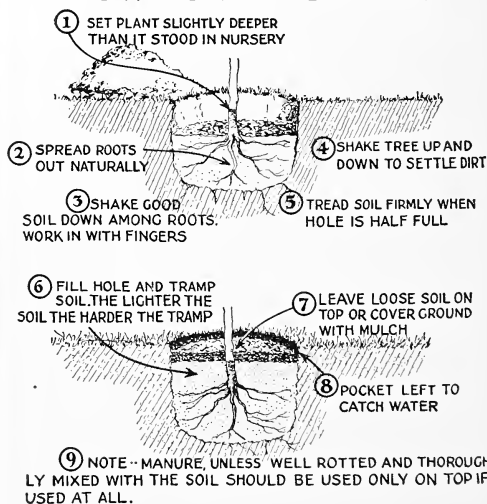
Maple, Silver (*Acer dasycarpum*). Foliage light green, silvery beneath. Rapid growing. Succeeds anywhere. 50 ft.

6 to 8 ft.	\$1.50;	8 to 10 ft.	\$2.00
10 to 12 ft., 1½ to 2 in. diameter.	3.00		
10 to 12 ft., 2 to 2½ in. diameter.	4.50		
10 to 12 ft., 2½ to 3 in. diameter.	7.50		

Maple, Sugar (*Acer saccharum*). A symmetrical tree of great beauty. Hardy native. Deeply-lobed, dark-green leaves. Brilliant fall colors. Fine for streets, lawns, and parks. 50 ft.

6 to 8 ft.	\$2.25;	8 to 10 ft.	\$3.50
10 to 12 ft., 1½ in. diameter.	5.00		
10 to 12 ft., 2 to 2½ in. diameter.	7.50		

HOW TO PLANT TREES



Plant our Hardy Trees that are grown especially for this region.

St. Paul

Minn.

Maple, Tatarian (*Acer tataricum Ginnala*). A splendid lawn ornamental. Beautiful red fall color. 18 ft. **Each**
3 to 4 ft. \$1.50; 4 to 5 ft. \$2.25

Maple, Wier's Cut-Leaf. A graceful lawn tree with delicately-cut leaves and drooping growth. 40 ft. 6 to 8 ft. \$2.25; 8 to 10 ft. \$3.25 10 to 12 ft., 1½ in. diameter. 6.00

MOUNTAIN ASH, European (*Sorbus aucuparia*). White flowers in May followed by bright, orange-red berries, which hang on for months. Very ornamental. Used as a specimen on the lawn or as an accent in the border. 30 ft. 6 to 8 ft. \$2.50; 8 to 10 ft. \$3.50 10 to 12 ft. 5.00

Mountain Ash, Weeping. A drooping form of the above. 15 ft. 2-yr. head \$4.75; 3-yr. head \$6.00

MULBERRY, Russian (*Morus alba tatarica*). Rapidly growing, large leaves. Edible fruit. 25 ft. 5 to 6 ft. \$1.25; 6 to 8 ft. \$2.00

Mulberry, Weeping. A rounded top with weeping branches. 10 ft. 2-yr. head \$5.50

OAK, Pin (*Quercus palustris*). Deeply-cut foliage with brilliant fall coloration. 50 ft. 5 to 6 ft. \$3.00; 6 to 8 ft. \$4.00

PLUM, Doubleflowering (*Prunus triloba plena*). Large, double pink, rose-like flowers in spring, which appear in masses along the stem. Useful in the border or as a lawn specimen. 2 to 3 ft. \$1.25; 3 to 4 ft. \$1.50 4 to 5 ft. 2.00 Specimen trees \$3.00 to 5.00

Plum, Purpleleaf. Dark-puple leaves all summer. Attractive lawn specimen. 10 ft. 3 to 4 ft. \$1.50; 4 to 5 ft. \$2.00 5 to 6 ft. 3.00

POPLAR, Bolleana (*Populus bolleana*). Upright, columnar growth. Glossy-green leaves with downy-white undersides. Makes a strong verticle accent, striking in appearance. 30 ft. 6 to 8 ft. \$2.00; 8 to 10 ft. \$ 3.00 10 to 12 ft. 4.50 Specimen trees \$10.00 to 40.00

Poplar, Carolina (*Populus eugenei*). Quick growth. Dense foliage. Grows anywhere. 50 ft. 6 to 8 ft. \$1.00

Each
8 to 10 ft. 1.50
10 to 12 ft. 2.00
Poplar, Lombardy (*Populus fastigiata*). Erect and pyramidal in form. Planted for landscape effect, as an accent or for screening purposes. Grows quickly. 40 ft. 6 to 8 ft. \$1.25 8 to 10 ft. 2.00 10 to 12 ft. 3.00 Specimen trees \$5.00 to 20.00

WALNUT, Black (*Juglans nigra*). A native tree of majestic proportions. Large leaves of 13 to 17 leaflets. Edible nuts 70 ft. 5 to 6 ft. \$1.50 6 to 8 ft. 2.00

WILLOW, Golden (*Salix vitellina aurea*). Rapidly growing with branches of rich golden yellow. Very hardy. 35 ft. 6 to 8 ft. \$1.00 8 to 10 ft. 1.50 10 to 12 ft. 2.50

Willow, Laurelleaf (*Salix pentandra*). Glossy-green leaves. Grows rapily. 30 ft. 6 to 8 ft. \$1.00 8 to 10 ft. 1.50 10 to 12 ft. 2.50

Willow, Niobe Weeping. Golden-bark; pendulous branches. 30 ft. 6 to 8 ft. \$1.50; 8 to 10 ft. \$2.50 10 to 12 ft. 3.50

Willow, Pussy (*Salix discolor*). Attractive in early spring when the fur-like buds swell out along the stems. 4 to 5 ft. \$1.50

Willow, Wisconsin Weeping. The hardiest of the weeping willows. Very desirable for a quick-growing, ornamental lawn specimen. 30 ft. 6 to 8 ft. \$1.50; 8 to 10 ft. \$2.50 10 to 12 ft. 3.50



BOLLEANA POPLAR.

TREES for DIFFERENT PURPOSES —

For Street or Avenue Planting

Ash
Linden
Maples

Weeping Trees

Weeping Mulberry
Cut-Leaved Weeping Birch
Wisconsin Weeping Willow
Niobe Weeping Willow

Trees for Quick Effect

Box Elder
Catalpa
Silver Maple
Mulberry
Poplar
Willow

For Dry Places

Junipers (Evergreen)
Mugho Pine (Evergreen)
Elm
Ash
Locust
Hackberry

Trees that Flower

Catalpa
Linden
Flowering Crab
Plum

Trees for Winter Beauty

Birch
Golden Willow
Evergreens

Trees with Attractive Autumn Foliage

Sugar Maple
Oaks

For Moist Places

Birch
Willow
Poplar
Oaks
Linden
Elm
Ash

The Sugar Maple has beautiful form and stately habit. Excellent for lawns and avenues.



SUGAR MAPLE.

It's not expensive to have an attractive yard. Ask our Landscape Department.



EVERGREENS—The Aristocrats of the Garden

THE splendid form and color of evergreens is most keenly appreciated in the winter when by contrast their rich green gives a note of warmth and cheer to the cold winter landscape. This same characteristic beauty of evergreens gives them individual distinction even in the summertime. Their hardiness, their variation in form, color and habit make evergreens almost indispensable in any planting.

Our evergreens are given special care, handled carefully, and transplanted frequently to put them in the proper condition to be successfully moved from the nursery.

Our Landscape Service Department (see page 2) will be pleased to give suggestions and assist you in making suitable selections and pleasing arrangements in your evergreen planting.

ARBORVITAE - Thuja

ARBORVITAE, American (*Thuja occidentalis*).

A native tree with fan-shaped leaves. Foliage is soft and flexible, usually bushy at bottom and tapering toward top. Used very generally in planting singly or with other evergreens. Stands trimming well to any size. 20 ft.

Each

18 to 24 in....	\$2.50;	2 to 3 ft.....	\$3.75
3 to 4 ft....	6.00	4 to 5 ft.....	9.50
5 to 6 ft....	12.00	6 to 7 ft.....	15.00
Specimen trees, large sizes....\$20.00 to 50.00			

Arborvitae, Globe (*Thuja occidentalis globosa*). A dwarf, bushy evergreen that grows naturally into a rounded, ball-like form. Keeps its rounded shape without trimming. Fine for low borders, foundation groups, tubs and urns. 4 ft.

12 to 18 in.....	\$5.00
18 to 24 in.....	7.00
2 to 3 ft.....	9.00

Arborvitae, Pyramidal (*Thuja occidentalis pyramidalis*). An attractive, solid pyramid of green that retains its shape without shearing. Seldom measures over 30 inches diameter at the base even when mature. 18 ft.

18 to 24 in.....	\$ 4.00
2 to 3 ft.....	6.50
3 to 4 ft.....	10.00
4 to 5 ft.....	15.00
5 to 6 ft.....	20.00

PYRAMIDAL
ARBORVITAE

Arborvitae, Siberian (*Thuja wareaana siberica*). A compact, dense, bushy evergreen, conical in outline; foliage rich dark green. The hardiest of the Arborvitaes. 8 ft.

18 to 24 in....	\$ 5.00;	2 to 3 ft.....	\$ 8.00
3 to 4 ft.....			11.00

CEDAR. See *Juniper*.

FIR - Abies

FIR, Balsam (*Abies balsamea*). A hardy, native evergreen. Regular and symmetrical growth. Thrives in moist soils and cool climates. 40 ft.

4 to 5 ft.....	\$ 8.00;	5 to 6 ft.....	\$11.00
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Evergreens properly chosen and placed give character, beauty and distinction to the home. Home of Mr. D. E. Swift, Minneapolis.

Fir, Douglas (*Pseudotsuga douglasii*). Quick growing tree of open, broad, sharp pointed pyramidal shape. Large bluish-green needles. A splendid ornamental evergreen where a large tree is wanted. 40 ft.

Each

2 to 3 ft.....	\$ 5.00;	3 to 4 ft.....	\$ 7.50
4 to 5 ft.....	11.00;	5 to 6 ft.....	15.00

Fir, White or Silver (*Abies concolor pectinata*). A very ornamental tree with long, broad needles. Color of leaves, grayish blue. Grows rapidly. General outline of tree is a loose pyramid. 40 ft.

2 to 3 ft.....	\$ 8.00;	3 to 4 ft.....	\$12.00
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Specimen trees, large sizes....\$30.00 to 75.00

JUNIPER - Juniperus

JUNIPER, Pfitzer's (*Juniperus pfitzeriana*). Branches horizontally spreading and slightly drooping. A graceful, bushy form suited to foreground plantings. 8 ft.

2 to 3 ft.....	\$ 8.00
3 to 4 ft.....	12.00
4 to 5 ft.....	20.00
5 to 6 ft.....	25.00

Specimen trees, large sizes....\$30.00 to 40.00



GLOBE
ARBORVITAE

Juniper, Redcedar (*Juniperus virginiana*). Pyramidal shape with rich green foliage. Probably the most useful of all ornamental evergreens because of its beauty, adaptability and hardiness. Stands trimming. 30 ft.

Northern grown Evergreens are the most beautiful in the world.

Redcedar (Cont.)

	Each
2 to 3 ft.....	\$ 5.00; 3 to 4 ft.....\$ 7.50
4 to 5 ft.....	12.00; 5 to 6 ft..... 16.00
6 to 7 ft.....	20.00; 7 to 8 ft..... 35.00
Specimen trees.....	\$35.00 to 60.00

Juniper, Savin's (*Juniperus sabina*). Thickly, branched, low, spreading tree. Can be trimmed. Excellent for use as a low bush in foreground plantings. 5 ft.

18 to 24 in.....	\$7.00; 24 to 30 in...\$ 9.00
3 to 4 ft.....	12.00

Juniper, Silver (*Juniperus virginiana glauca*). Rich, silvery-gray foliage all season. Valued for its contrasting color when planted with other evergreens. 15 ft.

2 to 3 ft.....	\$ 8.00; 3 to 4 ft.....\$12.00
4 to 5 ft.....	16.00

Juniper, Swedish (*Juniperus communis suecica*). Of a close-growing, columnar development. Highly ornamental. 10 ft.

18 to 24 in.....	\$4.00; 2 to 3 ft.....\$6.50
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Juniper, Trailing (*Juniperus procumbens*). A dwarf evergreen shrub that grows closely to the ground. Suited to foreground plantings or for rock gardens.

18 to 24 in.....	\$5.50; 2 to 3 ft.....\$7.50
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PFITZER JUNIPER.

One of the best Evergreens for foundation planting.

PINE - Pinus

PINE, Austrian (*Pinus nigra*). Long, dark-green needles; vigorous growing. Very decorative, large-growing evergreen. 60 ft.

2 to 3 ft.....	\$4.50; 3 to 4 ft.....\$6.50
4 to 5 ft.....	9.50

Pine, Dwarf Mugho (*Pinus montana mughus*). Desirable dwarf evergreen; bushy and globe-shaped. Foliage deep green. Very hardy. 4 ft. Our best dwarf evergreen.

12 to 18 in.....	\$ 5.00; 18 to 24 in...\$ 7.50
24 to 30 in.....	12.00

Pine, Scotch (*Pinus sylvestris*). An upright, rapidly growing tree. Stiff, blue-green foliage. Very picturesque in outline and an interesting specimen for evergreen groups. 40 ft.

2 to 3 ft....	\$3.50
3 to 4 ft....	5.00
4 to 5 ft....	8.00

Pine, White, (*Pinus strobus*). Our stately native Pine. Soft, light-green foliage.

3 to 4 ft. ...	\$ 5.50
4 to 5 ft. ...	8.00
5 to 6 ft. ...	10.00

Specimen trees, large sizes...
..\$15.00 to 20.00



RED CEDAR.

SPRUCE - Picea

Spruce, Blue Colorado (*Picea pungens glauca*). A hardy American Spruce with rich silvery-blue foliage. A tree of special value as a lawn specimen because of good color and symmetrical growth. 35 ft.

2 to 3 ft.....	\$10.00
3 to 4 ft.....	\$16.00; 4 to 5 ft.....\$22.00
5 to 6 ft.....	27.50; 6 to 8 ft..... 32.00

Spruce, Black Hills (*Picea canadensis albertiana*). A valuable, ornamental tree of close, dense growth. Stands dry soils and severe climatic conditions. Foliage varies from green to bluish color. 30 ft.

18 to 24 in.....	\$ 4.00; 2 to 3 ft.....\$ 6.50
3 to 4 ft.....	9.00; 4 to 5 ft..... 12.50
Specimen trees, large sizes....	\$15.00 to 30.00

1. DIG HOLE A FOOT LARGER AND DEEPER THAN BALL OF EARTH. PROVIDE GOOD LOAMY TOP SOIL TO FILL AROUND BALL



HOW TO PLANT EVERGREENS.

An Evergreen planting gives an immediate effect.



EVERGREENS—Continued

SPRUCE, Colorado (*Picea pungens*). Very attractive in appearance with even, symmetrical growth and bluish-green foliage. Very hardy. Thrives almost anywhere and is always a good lawn specimen. 35 ft.

2 to 3 ft.....\$ 7.00; 3 to 4 ft.....\$ 9.00

4 to 5 ft..... 13.00; 5 to 6 ft..... 18.00

Specimen trees.....\$20.00 to 35.00

Spruce, Douglas. See **Fir, Douglas.**

Spruce, Koster's Blue (*Picea pungens kosteri*). The most striking of the blue-colored evergreens. Deep silvery-blue needles of good size. Quite hardy. A Holland variety that can no longer be imported. Stock is very scarce. 30 ft.

3 to 4 ft.....\$20.00; 4 to 5 ft.....\$25.00

5 to 6 ft..... 30.00; 6 to 7 ft..... 40.00

Specimen trees, large sizes....\$40.00 to 150.00

Spruce, Norway (*Picea excelsa*). A rapidly growing evergreen of graceful outline. Pyramidal growth. Dark-green foliage. The older branches are wide spread and drooping in outline. 50 ft.

3 to 4 ft.....\$ 5.00; 4 to 5 ft.....\$ 7.50

5 to 6 ft..... 10.00; 6 to 7 ft..... 15.00

Specimen trees, large sizes....\$20.00 to 50.00

Spruce, White (*Picea canadensis*). A hardy, native tree of compact, upright growth. Leaves have silvery-green appearance. 50 ft.

2 to 3 ft.....\$ 5.00; 3 to 4 ft.....\$ 8.00

4 to 5 ft..... 11.00; 5 to 6 ft..... 15.00

Specimen trees, large sizes....\$20.00 to 50.00

YEW - Taxus

YEW, Canada (*Taxus canadensis*). A shrub-like evergreen with spreading, slender branches. Dark green leaves. 3 ft.

12 to 18 in.....\$4.50; 18 to 24 in.....\$6.50

24 to 30 in..... 9.00

Yew, Japanese (*Taxus cuspidata*). A small growing evergreen for foreground planting. Longer leaves than the Canadian Yew. 3 ft.

12 to 18 in.....\$ 6.00; 18 to 24 in.....\$7.50

24 to 30 in..... 10.00



An effective grouping of Blue Spruce and Mugho Pine.

CULTURAL NOTE. Leave a shallow depression around any newly planted trees. This helps retain the water. Never mound up the soil about the trunks except as a winter protection for deciduous trees. An occasional cultivation of the soil around the tree during the summer months will be of great aid to them.

WINTER GARDENS

DOES the pleasure and enjoyment of your garden end when the leaves fall in autumn? The home-grounds should be attractive and of interest the year round—right through the winter months—and the use of plant forms having winter beauty will accomplish this.

Evergreens. Pines, Cedars, Arborvitae and Spruces will give the needed green foliage background.

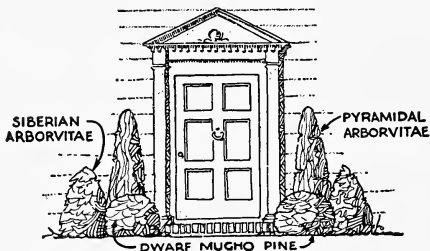
Bark and twig colorations of the Red- and Yellow-twigged Dogwood, Golden Willow and White and Yellow Birches give warmth.

Bright winter fruits and berries such as the Barberry, Highbush Cranberry, Matrimony Vine, Bush Roses, Snowberry, Bittersweet, Burning Bush, Honeysuckle, and Buckthorn give garden color and interest and furnish food for the birds.

Further details and suggestions for making the grounds attractive in winter will be given by our Landscape Service Department.

H. & O's Foundation Offer

An effective evergreen planting of **HARDY VARIETIES** suitable for the dooryard.



2 Dwarf Mugho Pine, 12-18 in.....\$10.00

2 Pyramidal Arborvitae, 2-3 ft..... 13.00

2 Siberian Arborvitae, 18-24 in..... 10.00

Catalog Price.....\$33.00

Our Special Price.....\$28.00

(Freight or express, extra)

"CREATING YOUR LANDSCAPE"

For complete descriptions of all varieties of plants we grow, see our booklet "Creating Your Landscape," which we will gladly send to you on request.

Evergreens are doubly attractive during the winter.



Select plantings of Hardy Shrubs, Vines and Evergreens, add greatly to the home-like charms of this dwelling.

ORNAMENTAL SHRUBS for NORTHERN Gardens

We List Only the Most Hardy Varieties

MUCH of the beauty in the landscape planting of any home is supplied by shrubs. Their uses are legion and their cost is nominal. It is the softening grace of such shrubs as Spirea (in variety) Snowberry, Hydrangea, Barberry and others of like nature used about the angles and corners of the house, which makes the transformation from bareness to beauty. Tall shrubs, such as Lilacs, Honeysuckles, Mock-orange, etc., find their proper place in the border along the boundary or in plantings which serve to screen out unattractive views. In fact there is a place where most every type of shrub can be effectively used. By choosing carefully it is possible to have practically continuous bloom in the shrub border. A few of the colored twig sorts will liven up the planting in winter.

Our LANDSCAPE DEPARTMENT will gladly assist you in making your shrub selections. See catalog page 2.

ALMOND, Pink Flowering (*Amygdalus communis rosea*). Rose-like, pink flowers in early spring. Should be planted deeply to prevent sprouting of the plum root on which, for hardiness, this variety must be grown. 4 to 5 ft.

Each

18 to 24 in.....\$1.00
2 to 3 ft.....1.25
3 to 4 ft.....1.50
Specimen bushes.\$2.50 to 4.00

Almond, White Flowering (*Amygdalus communis alba*). White-flowering variety of the above. 4 to 5 ft.

18 to 24 in.....\$1.00
2 to 3 ft.....1.25
3 to 4 ft.....1.50



FLOWERING ALMOND.

AMORPHA fruticosa. Indigobush. Light foliage. Purple flowers. 5 to 6 ft.

2 to 3 ft.....\$0.70; 3 to 4 ft......90
4 to 5 ft.....1.25

ARALIA chinensis. Hercules Club. Tropical appearing bush with long, compound leaves. Needs protected situation. Branches are thorny. General appearance is upright and club-like. 8 to 10 ft.

Each

2 to 3 ft.....\$1.00; 3 to 4 ft.....\$1.25
4 to 5 ft.....1.50

Aralia pentaphylla. Five-leaved Aralia. Stands shade. Good autumn color. 5 to 6 ft.

2 to 3 ft.....\$0.80; 3 to 4 ft.....\$1.00
4 to 5 ft.....1.25

Specimen bushes, heavy.....\$3.00 to 5.00

BARBERRY, Japanese or Thunberg's (*Berberis thunbergii*). The best and most popular, hardy, dwarf shrub. Red berries and brilliant foliage in the fall. Grows most anywhere—in partial shade, sunny, moist or dry places. This variety of Barberry does not carry wheat rust. 2½ ft.

12 to 18 in.....\$0.40
18 to 24 in......60
24 to 30 in......80
Specimen bushes.\$1.00 to 2.00

Barberry, New Red-leaved.

A splendid addition to our hardy shrubs. Similar to the popular Japanese Barberry but has rich bronzy-red leaves that hold their color all summer. The fruit is a scarlet berry. Plant these in with other shrubs for a bright contrast.

12 to 18 in.....\$1.50
18 to 24 in.....2.00

A Landscape Plan will show you just what shrubs to plant. See page 2.



ORNAMENTAL SHRUBS—Continued

BRIDAL WREATH. See *Spiraea Van Houttei*.

BUCKTHORN, Common (*Rhamnus cathartica*). Very hardy. Lustrous leaves and black berries. Desirable in groups or for hedges. 8 to 10 ft.

Each
18 to 24 in. \$0.40; 2 to 3 ft. \$0.50
3 to 4 ft.70; 4 to 5 ft. 1.00
Specimen shrubs \$1.50 to 2.00

CARAGANA. See *Siberian Pea Tree*.

CHOKEBERRY (*Aronia arbutifolia*). White flowers, bright red berries. 6 to 8 ft.
2 to 3 ft. \$1.00

CLETHRA alnifolia. Sweet Pepper Bush. Fragrant white flowers in September. 4 to 5 ft.
18 to 24 in. \$0.80; 2 to 3 ft. \$1.00

CORALBERRY (*Symphoricarpos vulgaris*). Stands sun or shade and poor soil. Red to purple berries in late summer. A native shrub that is hardy and easy to grow where other plants fail. 3 to 4 ft.

18 to 24 in. \$0.50; 2 to 3 ft. \$0.60
3 to 4 ft.80

COTONEASTER acutifolia. Peking Cotoneaster. Dense growing with ornamental, dark, glossy-green leaves. Stands shade. Very desirable for foundation plantings where a neat, dignified effect is wanted. 6 ft.

18 to 24 in. \$0.40; 2 to 3 ft. \$0.60
3 to 4 ft.80

CRANBERRY, High Bush. See *Viburnum opulus*.

CURRENT, Mountain (*Ribes alpinum*). Dwarf shrub. Dense growth. Stands shade. One of the best low to medium height shrubs for planting under most all conditions. 4 ft.

12 to 18 in. \$0.60; 18 to 24 in. \$0.80
2 to 3 ft. 1.00

Current, Yellow Flowering (*Ribes aureum*). Large, yellow, fragrant flowers in early spring. Black,



SPIREA ANTHONY WATERER.

edible berries. Stands shade. 6 ft. Each
2 to 3 ft. \$0.80; 3 to 4 ft. \$1.00
4 to 5 ft. 1.50
Specimen shrubs \$2.00 to 4.00

DEUTZIA gracilis. Slender Deutzia. White flowers in June. Needs protection. 2½ ft.
12 to 18 in. \$1.00; 18 to 24 in. \$1.25

Deutzia, Pride of Rochester (*D. Scabra*). Double, white flowers in May. 6 ft.
2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80

DOGWOOD, Goldentwig (*Cornus siberica aurea*). Valued for its bright yellow branches in fall and winter. White flowers. 6 ft.

2 to 3 ft. \$0.70; 3 to 4 ft. \$0.90
4 to 5 ft. 1.25

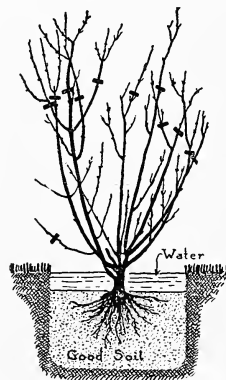
Dogwood, Gray-Bark (*Cornus paniculata*). White flowers in early spring; gray bark. Good clean foliage. White berries in fall. 9 ft.

2 to 3 ft. \$0.70; 3 to 4 ft. \$0.90



RED-TWIGGED DOGWOOD.

HOW TO PLANT SHRUBS



Space the tall shrubs, such as Lilac, 4 to 6 feet apart; the medium-height shrubs, such as Bridal Wreath, 3 to 4 feet apart; and the dwarf growers, such as Barberry, 2 to 2½ feet apart. Dig the holes of ample size, place the plant and after filling in the hole two-thirds with top-soil, add water. Allow this to settle then complete the filling with soil up to the ground level. ALWAYS SHORTEN

BACK THE TOP GROWTH BY CUTTING AWAY AT LEAST ONE-THIRD THE LENGTH OF THE BRANCHES. Use no fertilizer excepting as a surface dressing.

Our shrubs are grown especially for this Northern Region.

Dogwood, Red-Osier (*Cornus stolonifera*). A native species with slender, red branches. White berries. 7 ft. Each
 18 to 24 in.\$0.50; 2 to 3 ft.\$0.60
 3 to 4 ft.80; 4 to 5 ft. 1.25

Dogwood, Red-Twigged (*Cornus siberica alba*). White flowers in June. The red stems are highly attractive during the winter. Old wood should be kept out and new growth encouraged to get best color. 6 to 8 ft.
 2 to 3 ft.\$0.60; 3 to 4 ft.\$0.80
 4 to 5 ft. 1.25

Dogwood, Silver (*Cornus elegantissima*). Highly decorative because of its white-striped green leaves and red bark. 6 ft.
 18 to 24 in.\$1.00; 2 to 3 ft.\$1.25
 3 to 4 ft. 1.50

ELDER, Black-Fruited (*Sambucus canadensis*). Heavy, broad, clusters of fragrant, white flowers in July. Edible, black fruit. A very rapidly growing hardy shrub. Stands partial shade. 6 ft.
 2 to 3 ft.\$0.70; 3 to 4 ft.\$0.90
 4 to 5 ft. 1.25

Elder, Cut-Leaved (*Sambucus nigra laciniata*). Divided, fern-like leaves. Stands shade. The delicate foliage makes a pleasing contrast when planted with other shrubs. 5 to 6 ft.
 18 to 24 in.\$0.60; 2 to 3 ft.\$0.70
 3 to 4 ft.90; 4 to 5 ft. 1.25

Elder, Golden (*Sambucus aurea*). The golden leaves hold their color well all season through; white flowers. 7 ft.
 2 to 3 ft.\$0.70; 3 to 4 ft.\$0.90
 4 to 5 ft. 1.25

Elder, Red-Berried (*Sambucus racemosa*). Bright red berries in July. Stands shade. 8 ft.
 2 to 3 ft.\$0.80; 3 to 4 ft.\$1.00
 4 to 5 ft. 1.50

ELAEAGNUS. See Russian Olive.

EUONYMUS americanus. Strawberry Bush. Erect growing to 8 ft. Slender, green branches. Ornamental pink fruits in the fall.
 3 to 4 ft.\$1.00; 4 to 5 ft.\$1.50
 5 to 6 ft. 2.00

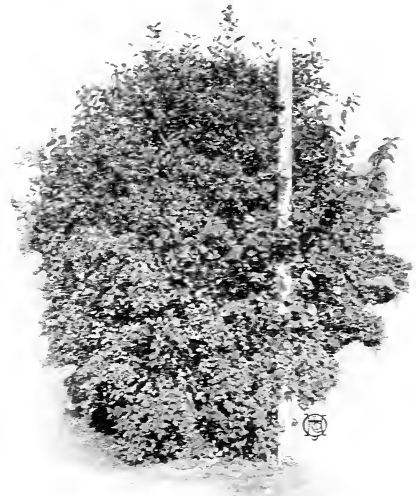
Euonymus alatus. Winged Burning Bush. Curiously winged branches. Brilliant fall coloration in foliage and fruit. 7 ft.
 2 to 3 ft.\$1.25
 3 to 4 ft. 1.50
 4 to 5 ft. 2.00

FORSYTHIA, suspensa. Golden Bell. Pendulous in habit. Lustrous, dark foliage. Golden flowers in April. Needs protection. 5 ft.
 2 to 3 ft.\$0.80

Forsythia viridissima. Green-stem Golden Bell. Erect, green branches. Needs protection. 7 ft.
 2 to 3 ft.\$0.80

FRINGE, Purple, Mist Tree (*Rhus cotinus*). Light, mist or smoke-like, blooming appearance in summer. Needs protection. 10 ft.
 2 to 3 ft.\$1.25

HAWTHORN. See Thorn Apple.



BUSH HONEYSUCKLE.

HONEYSUCKLE, Morrow's (*Lonicera morrowi*). Hardy shrub with wide-spreading branches. Yellowish-white flowers. Brilliant red berries in July. One of the best all around shrubs for the home yard. Thrives in sun or shade, wet or dry places. 6 ft. Each
 2 to 3 ft.\$0.60; 3 to 4 ft.\$0.80
 4 to 5 ft. 1.25

Honeysuckle, Pink (*Lonicera tatarica rosea*). Quantities of pink to red flowers in spring. The fruit is a red berry that colors the bush in July and August. A long-lived and very popular shrub that is always ornamental. Easy to grow. 8 ft.
 18 to 24 in.\$0.50; 2 to 3 ft.\$0.60
 3 to 4 ft.80 4 to 5 ft. 1.25
 Specimen shrubs\$1.50 to 3.00

Honeysuckle, White (*Lonicera tatarica alba*.) Desirable white-flowering, bush honeysuckle. 8 ft.
 2 to 3 ft.\$0.60; 3 to 4 ft.\$0.80
 4 to 5 ft. 1.25



SNOWHILL HYDRANGEA.

Consult our Landscape Department. See page 2.

ORNAMENTAL SHRUBS—Continued



Plant Lilacs for color and fragrance.

HYDRANGEA, Large-Flowered (*H. paniculata grandiflora*). Conical, flower-heads of white which later change to pink in August and September. Always wanted in home yard plantings because of the large flowers when other shrubs are out of bloom. 4 ft. **Each**
18 to 24 in.....\$0.80; 2 to 3 ft.....\$1.00
3 to 4 ft..... 1.25

Hydrangea, Snowhill (*H. arborescens grandiflora*). Heavy, snowball-like flowers of white from late June to frost. Makes a pleasing compact bush with large leaves. Should have plenty of water. Stands partial shade. 3 to 4 ft.
18 to 24 in.....\$0.80; 2 to 3 ft.....\$1.00
3 to 4 ft..... 1.25

HOW TO TRIM SHRUBS



Unless located in a sheared hedge or in some very formal planting scheme, the flowering shrubs should be allowed to retain their natural shape and development. Continual pruning into globes and restrained outlines cuts away all the plant's natural beauty and individuality. The only good reason for pruning other than the prompt removal of dead wood is to keep the shrubs from spreading too wide and growing too tall for their positions. This corrective pruning is best done by cutting out the oldest and heaviest branches directly at the ground-line and doing a little top shortening if required. The early blooming varieties such as Bridal Wreath and Lilacs are better trimmed after their blossoming period, if one wants to enjoy that season's flowers. The later blooming varieties such as Hydrangeas, and Spiraea Anthony Waterer can be trimmed heavily in early spring with no loss of that year's blossoms, and with positive benefit to the growth.

Hydrangea, Tree. A tree form of the large-flowered fall-Hydrangea.

3 to 4 ft.....\$2.00

JUNEBERRY (*Amelanchier alnifolia*). White flowers in May. Black berries. 5 to 8 ft.

2 to 3 ft.....\$0.80

LILAC, French Hybrid Varieties. Improved sorts that have heavier flowers than the common purple and white, and in a wider range of colors. 6 to 8 ft. The French lilacs are particularly desirable for garden planting where their beautiful trusses contrast splendidly with spring flowers planted beneath. All the varieties listed below are hardy, free flowering sorts, which will prove highly satisfactory.

2 to 3 ft.....\$1.50; 3 to 4 ft.....\$2.00

4 to 5 ft..... 2.50

Alphonse Lavalle. Clear Lilac.

Belle de Nancy. Satiny pink.

Charles X. Reddish purple; large.

Chas. Joly. Deep, reddish purple.

Ludwig Spaeth. Dark purplish-red.

Marie Legraye. One of the finest white Lilacs.

Michel Buchner. Dwarf; pale-lilac.

Madame Lemoine. Pure white.

President Grevy. A beautiful blue.

Rubra de Marly. Purplish red; fine.

Lilac, Hungarian (*Syringa josikaea*.) Light, violet-colored flowers in June, after the common Lilacs have finished blooming. 8 to 10 ft.

2 to 3 ft.....\$1.25; 3 to 4 ft.....\$1.50

4 to 5 ft..... 2.00

Lilac, Japanese Tree (*Syringa japonica*.) Small tree in habit of growth. Flowers come in loose clusters of creamy-white, in June. 15 ft.

2 to 3 ft.....\$1.25; 3 to 4 ft.....\$1.50

4 to 5 ft..... 2.00



Flowers of the Sweet-Scented Syringa.
(*Philadelphus coronarius*).

See our collection—10 best shrubs, opposite page.



These pictures show the value of trees and shrubs. Place of Fried C. Norlander, Saint Paul.
Note the effective results gained by using specially grown materials for an immediate effect.

Lilac, Late Flowering (*Syringa villosa*). Bushy, upright growth. Rich dark foliage with pinkish-lilac flowers in June. A desirable, hardy shrub, ornamental both in and out of flower. 8 ft.

	Each
2 to 3 ft.....	\$1.50
3 to 4 ft.....	2.00
4 to 5 ft.....	2.50

Lilac, Persian (*Syringa persica*). Slender growth; smaller leaves than the Common Lilac. Pale purple flowers in May. 7 ft.

2 to 3 ft.....	\$1.00	3 to 4 ft.....	1.35
4 to 5 ft.....			1.75
Specimen shrubs.....	\$2.50 to 5.00		

Lilac, Persian White (*Syringa persica alba*). Similar to the preceding, almost white blossoms.

2 to 3 ft.....	\$1.25	3 to 4 ft.....	1.50
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Lilac, Purple (*Syringa vulgaris*). The well-known, old-fashioned Lilac. Fragrant flowers in May. 9 to 12 ft.

2 to 3 ft.....	\$0.80	3 to 4 ft.....	1.00
4 to 5 ft.....			1.50
Specimen shrubs.....	\$1.50 to 3.00		

Lilac, White (*Syringa vulgaris alba*). A white-flowering Lilac. 9 to 12 ft.

2 to 3 ft.....	\$0.80	3 to 4 ft.....	1.00
4 to 5 ft.....			1.50

LOCUST, Pink Flowering (*Robinia hispida*). Showy rose-colored flowers in June. 5 ft.

2 to 3 ft.....	\$1.00	3 to 4 ft.....	1.25
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MATRIMONY-VINE (*Lycium chinense*). Used to cover slopes or to "face-down" taller shrubs. Brilliant red berries over winter.

2 to 5 ft.....	\$0.60	3 to 4 ft.....	.80
Specimen shrubs.....	\$1.00 to 2.00		

MOCKORANGE. See *Philadelphus*.

PHILADELPHUS Aureus. Golden Mockorange. Bright, golden-yellow foliage. 3 ft.

12 to 18 in.....	\$1.00	18 to 24 in.....	1.25
2 to 3 ft.....			1.50
Specimen bushes.....	\$2.00 to 3.50		

Philadelphus Avalanche. Hybrid Mockorange. Slender, arching branches heavily laden with showy white flowers. Fragrant. 4 ft.

18 to 24 in.....	\$0.80	2 to 3 ft.....	1.00
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Philadelphus coronarius. Sweet Mockorange. Flowers are pure white and very fragrant in May and June. Good foliage. Quite a large and hardy old-fashioned shrub that is well placed as a lawn specimen or as a screen planting. 7 ft. **Each**
2 to 3 ft.....\$0.60 3 to 4 ft..... .80
4 to 5 ft..... 1.25
Specimen shrubs.....\$1.50 to 3.00

Philadelphus grandiflorus. Large flowered Mockorange. Large white flowers and broad leaves. Has great value for screening or wherever a tall, heavy shrub is wanted. 9 ft.

2 to 3 ft.....	\$0.60	3 to 4 ft.....	.80
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Philadelphus lemoinei. Lemoine's Mockorange. Medium height, very useful for foundation plantings. Fragrant white flowers. 5 ft.

18 to 24 in.....	\$0.60	2 to 3 ft.....	.80
3 to 4 ft.....			1.00
Specimen shrubs.....	\$2.00 to 4.00		

Philadelphus, Mont Blanc. Hybrid Mockorange. A new variety, large, fragrant flowers. Medium height. A good shrub for house foundation plantings. 4 ft.

2 to 3 ft.....	\$1.00		
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Philadelphus virginal. A new, choice fragrant variety, with large creamy white flowers. 6 to 8 ft. 18 to 24 in.....\$1.25

The H. & O. Collection of 10 of the Best Shrubs

For this Section. These varieties
should be in every yard and garden.



The Ten Shrubs
all for

\$5.50

(Packing free—express extra)

1. Jap. Barberry	
18-24 in.....	\$.60
2. Bridal Wreath	
2-3 ft.....	.60
3. Dogwood, Redtwig	
2-3 ft.....	.60
4. Cutleaf Elder	
2-3 ft.....	.70
5. Pink Honeysuckle	
2-3 ft.....	.60
6. Hydrangea	
18-24 in.....	.80
7. Purple Lilac	
2-3 ft.....	.80
8. Sweet Mockorange	
2-3 ft.....	.60
9. Snowberry	
2-3 ft.....	.60
10. Rosa rugosa	
2 years.....	.80
\$6.70	



ORNAMENTAL SHRUBS—Continued

PLUM, Doubleflowering. Large, double, pink, rose-like flowers in early spring. Brilliant and remarkable in bloom. Hardier than the flowering almond. 5 ft. Each

2 to 3 ft. \$1.25
3 to 4 ft. 1.50
4 to 5 ft. 2.00
Specimen shrubs. \$3.00 to 7.50

Plum, Purpleleaf. Variety Newport. Dark purple leaves. Holds purple color all summer and makes a bright contrast with other foliage. 10 ft.

3 to 4 ft. \$1.50
4 to 5 ft. 2.00
5 to 6 ft. 3.00

Potentilla fruticosa. Cinquefoil. Low shrub; yellow flowers all summer. 2 ft.

12 to 18 in. \$0.50
18 to 24 in.60
2 to 3 ft.90

RUGOSA ROSE (*Rosa Rugosa*). A very hardy bush rose that needs no winter covering. Dark green crinkled foliage and bright pink flowers make it exceedingly ornamental. Bright scarlet fruits appear during late summer and fall.

2-yr. plants \$0.80
3-yr. plants 1.00

ROSES. Bush varieties. See pages 31 and 32.

RUSSIAN OLIVE (*Elaeagnus angustifolia*). Silvery, willow-like leaves. Fragrant yellow flowers followed by yellow fruits. Used in plantings for its silvery foliage and good size. Very hardy. 12 ft.

2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80
4 to 5 ft. 1.25

SIBERIAN PEA-TREE (*Caragana arborescens*). Bright green, pea-like leaves. Clusters of yellow flowers in May followed by long slender seed pods. Very hardy and will stand dry locations and poor soils. 8 ft.

2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80
4 to 5 ft. 1.25
Specimen shrubs. \$2.00 to 3.50



Garden of W. R. Kueffner, St. Paul Attorney. This shows the work of our Landscape Department. See page 2.

SNOWBALL. See *Viburnum Snowball*.

SNOWBERRY, Red. See *Coralberry*.

Snowberry, White (*Symphoricarpos racemosus*). Medium height shrub. Stands shade. Large, waxy berries in September that persist well into the winter. A graceful and pleasing bush. 4 ft.

Each
2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80
Specimen shrubs. \$1.50 to 3.00

SPIRAEA, Anthony Waterer. Crimson Spiraea. A very free flowering dwarf shrub of compact form. Crimson flowers all summer. Always blooms the first season. Makes a fine color combination planted with *Hydrangea Snowball*. 2 ft.

12 to 18 in. \$0.80; 18 to 24 in. \$1.00
24 to 30 in. 1.25

Spiraea arguta. Garland Spiraea. Many small, white flowers in May. 4 ft.

2 to 3 ft. \$0.80; 3 to 3½ ft. \$1.00

Spiraea billardi. Pink Summer Spiraea. Pink flowers in terminal spikes during July and August. 5 ft.

2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80

Spiraea callosa alba. White flowers in clusters all summer. A dwarf shrub of compact symmetrical form. Refined foliage. 3 ft.

12 to 18 in. \$0.70; 18 to 24 in. \$0.90

Spiraea callosa rosea. Rose colored flowers, July and August. 3½ ft.

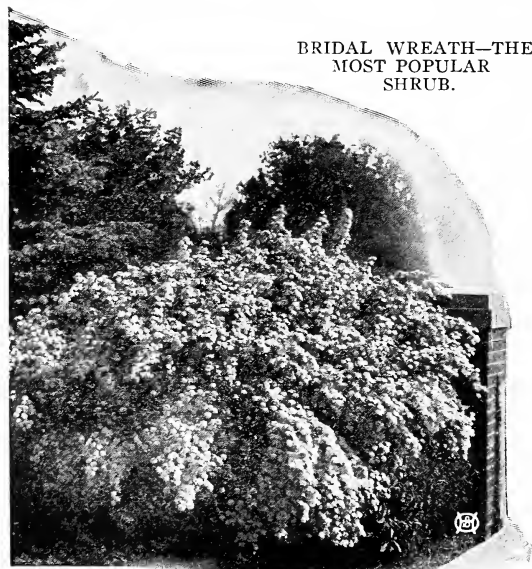
12 to 18 in. \$0.60; 18 to 24 in. \$0.80
24 to 30 in. 1.00

Spiraea, froebeli. Crimson flowers in flat clusters during July and August. An excellent dwarf border shrub. Very hardy. 3 ft.

18 to 24 in. \$0.80; 2 to 3 ft. \$1.00

Spiraea opulifolia. Ninebark. Tall, vigorous shrub with heavy foliage and many small clusters of white flowers. Well suited for planting as a screen or background. 8 ft.

2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80
4 to 5 ft. 1.25
Specimen shrubs. \$2.00 to 4.00



BRIDAL WREATH—THE MOST POPULAR SHRUB.

Your yard can be made very attractive—ask us how.

Spiraea opulifolia aurea. Golden Spiraea. An ornamental, golden-leaved shrub. 6 ft. Has peculiar shredded bark. The profuse clusters of white flowers are followed by seeds which are brilliant orange-red in summer. Useful for screens and as a filler in masses and borders.

Each
2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80
4 to 5 ft. 1.25
Specimen shrubs. \$2.00 to 4.00

Spiraea sorbifolia. Plume Spiraea. Foliage resembling a Mountain Ash. Long spikes of white flowers in July. Begins growth very early. Stands either full sun or partial shade. 5 ft.

2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80

Spiraea thunbergi. Snow Garland. Graceful slender branches. Light feathery foliage. Abundant white flowers in May. One of the earliest shrubs to bloom in the spring. 3 ft.

18 to 24 in. \$0.80; 2 to 3 ft. \$1.00

Spiraea vanhouttei. Bridal Wreath. The most admired of all shrubs. A round, graceful bush with arching branches. White flowers in masses in late May. The most popular and most planted of all shrubs. Will grow in almost any location. Very hardy. 5 to 6 ft.

18 to 24 in. \$0.50; 2 to 3 ft. \$0.60
3 to 4 ft.80; 4 to 5 ft. 1.25
Specimen shrubs. \$1.50 to 3.50

SUMAC, Fern-Leaved (*Rhus glabra laciniata*). Very desirable small shrub with deeply-cut leaves. 3 to 4 ft.

18 to 24 in. \$1.00; 2 to 3 ft. \$1.25

Sumac, Fragrant (*Rhus canadensis*). A compact-growing shrub with thick, fragrant leaves. Crimson autumn color. 3½ ft.

2 to 3 ft. \$0.90; 3 to 4 ft. \$1.25



TAMARIX.

Sumac, Smooth (*Rhus glabra*). Large growing shrub with special value for its gorgeous fall coloration. 10 ft.

Each
2 to 3 ft. \$0.60; 3 to 4 ft. \$0.80

Sumac, Tall Cut-Leaved (*Rhus typhina*). Delicate, deeply-cut leaves that show crimson in the fall. Splendid to add variety to heavier shrub masses. 8 to 10 ft.

2 to 3 ft. \$0.70; 3 to 4 ft. \$0.90

This List Will Help You When Selecting Shrubs

Note: This list was carefully compiled and conforms to the conditions existing in and about St. Paul.



SHRUBS FOR PARTIAL SHADE

Dogwood, in variety
Currant, yellow flowering
Coralberry
Spiraea opulifolia
Snowberry
Honeysuckle, in variety
Hydrangea, Snowball
Elder, in variety
Philadelphus, in variety
Viburnum, in variety
Barberry

SHRUBS FOR HOUSE FOUNDATION

Medium Height Varieties

Spiraea Vanhouttei
Hydrangea, in variety
Snowberry
Coralberry
Philadelphus Lemoinei
Cotoneaster acutifolia
Elder, cut-leaf
Currant, yellow flowering
Almond, flowering
Spiraea, tall varieties

Dwarf or Border Varieties

Barberry
Potentilla
Philadelphus aurea
Spiraea Thunbergi
" callosa rosea
" callosa alba
" Frobeli
" Anthony Waterer
Currant, mountain
Deutzia gracilis

SHRUBS WITH BRIGHT AUTUMN COLOR

Barberry
Chokeberry
Euonymus
Sumac, in variety
Viburnum, in variety
Maple, tatarian

SHRUBS FOR SCREEN PLANTING

(Bushy, Tall-Growing and Very Hardy)

Siberian Pea Tree
Russian Olive
Maple, tatarian
Honeysuckle, tatarian
Philadelphus coronarius
" grandiflorus
Buckthorn
Lilac, in variety
Viburnum, in variety

BERRIED SHRUBS FOR BIRD FOOD

Chokeberry
Barberry
Dogwood, Red Osier
" Red twigged
" Gray bark
Honeysuckle, Morrow's
" tatarica
Rosa lucida
" acicularis
" rugosa
" setigera
" wichuraiana
Elder, black fruited
" red berried
Viburnum dentatum
" opulus



ORNAMENTAL SHRUBS—Continued

TAMARIX *Pentandra*. Summer Tamarix. Feathery, bluish-gray foliage; with carmine-pink flowers in long loose terminal clusters. June and July. The delicate foliage is often used in flower bouquets. The appearance is so unlike other shrubs as to always attract attention. Does best in a protected spot. 6 ft. **Each**
2 to 3 ft.....\$0.80; 3 to 4 ft.....\$1.00
Specimen shrubs.....\$2.00 to 3.00

THORN APPLE. (*Crataegus*). A hardy Hawthorn. White flowers. Red fruits. 10 to 12 ft.
3 to 4 ft.....\$1.00; 4 to 5 ft.....\$1.50

VIBURNUM, Arrowwood (*V. dentatum*). Glossy-green leaves; white flowers in June. Crimson berries, turning to blue. Stands partial shade. 8 ft.
2 to 3 ft.....\$1.00; 3 to 4 ft.....\$1.25

Viburnum, High-bush Cranberry (*V. opulus*). White flowers in spring followed by brilliant red edible berries. Very hardy. A large growing shrub always ornamental but especially so during the fall because of its bright berry clusters and autumn foliage coloration. 8 ft.
2 to 3 ft.....\$1.00; 3 to 4 ft.....\$1.35
4 to 5 ft.....1.75

Viburnum, Sheepberry (*V. lentago*). Bright green leaves; fragrant creamy-white flowers. Large dark blue berries. 10 ft.
2 to 3 ft.....\$1.00; 3 to 4 ft.....\$1.25

Viburnum, Snowball (*V. opulus sterile*). The hardy, old-fashioned Snowball bush. Globular white flowers. 7 ft.
2 to 3 ft.....\$1.00; 3 to 4 ft.....\$1.25

Viburnum, Wayfaring-tree (*V. lantana*). Large, white flower clusters in May. Red berries later turning black. Splendid foliage. 10 ft.
2 to 3 ft.....\$1.00; 3 to 4 ft.....\$1.35

WEIGELA, Eva Rathke. Large, crimson, trumpet-shaped flowers. Free blooming. Needs protection. 4 ft.
18 to 24 in.....\$1.00; 2 to 3 ft.....\$1.25



ORNAMENTAL FRUIT OF THE SNOWBERRY.

Weigela rosea. Pink, bell-shaped flowers in profusion. Good foliage. Needs protection. 5 ft.
18 to 24 in.....\$0.80; 2 to 3 ft.....\$1.00
3 to 4 ft.....1.25

A COMPLETE LANDSCAPE SERVICE

We offer a landscape service complete from start to finish. Our trained landscape architects will help you plan your grounds. Our northern grown hardy plants will give you immediate effects and successful results. Our efficient planting service will relieve you of the worry of getting the work properly done.

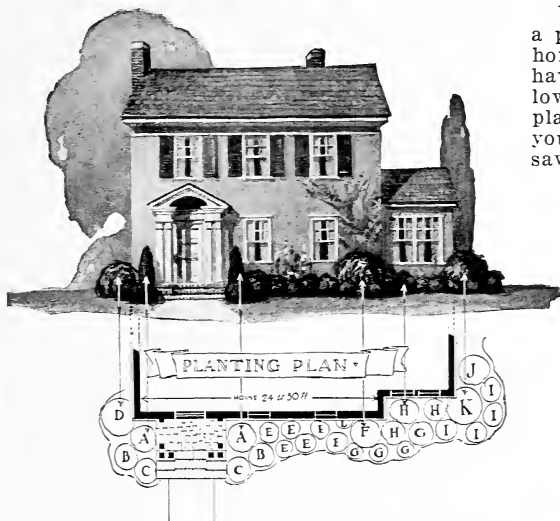
This complete service means satisfaction for you. You secure the maximum results at the minimum expense of time and money. Tell us of your plans and we will offer suggestions.



A north-side planting designed to fit the architecture of the house. Snowhill Hydrangeas in bloom.

Plant our hardy shrubs that are grown especially for this region.

Landscape Your Home this Easy Way



We have selected three typical houses and made a planting plan for each one. Probably your own home is so near like one of these, you can easily have an attractive and harmonious planting by following the suggested arrangement. All these plants are thrifty, bushy plants, which will give you quick results and beautiful flowers at money-saving prices.

LANDSCAPE PLAN No. 1 (Left)

Key Plants	No. of		
A	2	American Arborvitae	3'-4' \$12.00
B	2	Alpine Currant	18"-24" 1.60
C	2	Japanese Barberry	18"-24" 1.20
D	1	Spirea, Bridal Wreath	3'-4' .80
E	6	Snowberry	2'-3' 3.60
F	1	Pink Honeysuckle	3'-4' .80
G	4	Spirea Froebeli	18"-24" 3.20
H	3	Lemoines Syringa	2'-3' 2.40
I	4	Hydrangea	18"-24" 3.20
J	1	Morrowii Honeysuckle	2'-3' .60
K	1	Spirea, Bridal Wreath	3'-4' .80
L	1	Engelman's Ivy Vine	2 yr. .60
	28		\$30.80

Our Special Price . . \$26.50

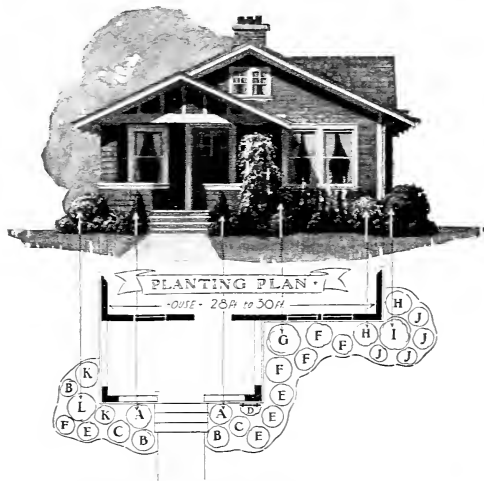
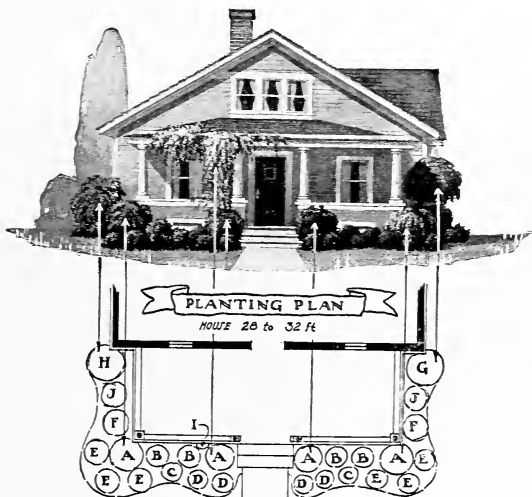
Note: If two shrubs are used in place of the two Evergreens, the price of the collection will be \$18.00.

LANDSCAPE PLAN No. 2 (Right)

Key Plants	No. of		
A	2	American Arborvitae	3'-4' \$12.00
B	3	Japanese Barberry	18"-24" 1.80
C	2	Golden Syringa	12"-18" 2.00
D	1	Clematis Paniculata	2 Yr. 1.00
E	4	Snowberry	2'-3' 2.40
F	5	Hydrangea	18"-24" 4.00
G	1	Pink Honeysuckle	3'-4' .80
H	2	Cotoneaster	3'-4' 1.20
I	1	Spirea, Bridal Wreath	3'-4' .80
J	4	Spirea Froebeli	18"-24" 3.20
K	2	Alpine Currant	18"-24" 1.60
L	1	Spirea, Bridal Wreath	3'-4' .80
	28		\$31.60

Our Special Price . . \$26.50

Note: If two shrubs are used instead of the two Evergreens, the collection price will be \$18.50.



LANDSCAPE PLAN No. 3 (Left)

Key Plants	No. of		
A	4	Spirea, Bridal Wreath	3'-4' \$ 3.20
B	4	Lemoines Syringa	2'-3' 3.20
C	2	Hydrangea	18"-24" 1.60
D	4	Spirea Froebeli	18"-24" 3.20
E	6	Japanese Barberry	18"-24" 3.60
F	2	Cotoneaster	2'-3' 1.20
G	1	Pink Honeysuckle	3'-4' .80
H	1	Sweet Mockorange	3'-4' .80
I	1	Clematis Paniculata	potted 1.00
J	2	Japanese Rose	2 yr. 1.60
	27		\$20.20

Our Special Price . . \$17.25

Note: All hardy varieties, best quality plants in substantial sizes.

(Deliveries in Twin-Cities free. Out-of-town shipments packed free. Express extra.)



Beautiful HEDGES

Do Well in this Section

WHAT can be finer than a living wall of green to mark the boundary of one's property? Hedges, through their adaptability to fill the need for attractive and ornamental barriers, have become immensely popular. The first cost is the last cost. Year by year they become more beautiful. A well kept hedge is always ornamental and a valuable asset to any home. Where a dense unpenetrable hedge is desired you have but to use Buckthorn or Cotoneaster.

BARBERRY, Thunberg's (*Berberis thunbergii*). Very satisfactory for a low hedge of close growth. Can be trimmed or allowed to grow naturally. Bears attractive red berries in the fall.

Per 10 Per 100

12 to 18 in.....	\$4.00	\$30.00
18 to 24 in.....	5.00	40.00
24 to 30 in.....	7.00	60.00

BUCKTHORN (*Rhamnus cathartica*). An ornamental plant of great hardiness that makes a dense hedge. Can be kept trimmed to any desired height or outline. Always satisfactory.

18 to 24 in.....	\$2.50	\$18.00
2 to 3 ft.....	3.00	22.00
3 to 4 ft.....	3.50	28.00
4 to 5 ft.....	5.00	40.00

COTONEASTER acutifolia (Quinceberry). A dense-growing shrub with dark-green, glossy, oval leaves. A splendid hedge plant for the Northwest. Perfectly hardy.

18 to 24 in.....	\$3.50	\$30.00
2 to 3 ft.....	4.50	40.00
3 to 4 ft.....	6.00	50.00

CURRENT, Alpine (*Ribes Alpinum*). A dense, low-growing plant with attractive green leaves. Makes a desirable low hedge.

12 to 18 in.....	\$5.00	\$45.00
18 to 24 in.....	7.00	65.00



Buckthorn makes a dense-growing hedge, dependable under northern climatic conditions.

HONEYSUCKLE (*Lonicera tatarica*). In addition to great hardiness the Honeysuckles have attractive flowers and berries. Suitable where a tall untrimmed hedge is wanted.

Per 10 Per 100

2 to 3 ft.....	\$5.00	\$40.00
3 to 4 ft.....	7.00	60.00

ROSA RUGOSA (Japanese Rose). Desirable for an open, untrimmed division hedge. Foliage and bright flowers are highly ornamental.

18 to 24 in., 2-yr. plants.....	\$6.00	\$50.00
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SPIRAEA vanhouttei (Bridal Wreath). The most satisfactory of hardy shrubs for use as a flowering hedge. Plant only where close trimming is not required.

2 to 3 ft.....	\$5.00	\$40.00
3 to 4 ft.....	6.00	50.00

PLANTING HEDGES



SET HEDGE TRIFLE LOWER THAN THEY WERE IN NURSERY TO GET A DENSE HEDGE AT BOTTOM
DIG ONE SIDE OF TRENCH STRAIGHT AND IN LINE, PLACE PLANTS AGAINST THIS SIDE TO GET A STRAIGHT HEDGE

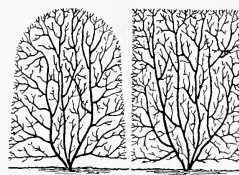
HOW TO TRIM HEDGES

Immediately after planting, the tops of hedge plants should be cut back about one-third. This is most important to get the stock established. During the summer any straggly branches can be clipped to conform with the general hedge outline.

Each spring about April 1 the hedge can be trimmed back to the desired height and width. To insure an even cut it is well to stretch a line to serve as a guide. Regulation hedge shears should be used for the trimming. The hedges can be trimmed to either a round or square top outline.

HOW TO PLANT HEDGES

A trench should be dug where the planting is to be done, excavated to a depth of a foot, and 18 inches wide. Such a trench gives an even line to guide the planter. Discard any soil of poor quality and use surface loam. Varieties such as Japanese Barberry, Buckthorn and Cotoneaster, or those that are to be kept closely cut, should be spaced a foot apart in the row. In using Bridal Wreath or other open-growing



varieties which are not to be kept sheared, a spacing of 2 to 2½ ft. is proper. After planting, cut off at least one-third of the top of the plants to insure good lateral growth. Water thoroughly.

Information as to growth, selection or planting of hedges will be cheerfully given by our Landscape Department.

Our Hedge Plants will give a fine effect the first season.



Climbing and Clinging VINES

C LIMBING vines fill an important place in the planting of every home. Without them there frequently is ugliness and bareness. They will quickly drape themselves over suitable support or sprawl pleasingly over a wall or slope. Vines have beauty of leaf, flower and fruit. On new buildings they give shade quickly and are very cooling and cheerful.

There is a vine for every purpose. Engleman's Ivy will climb and cling to brick and stone. Bittersweet winds itself around small trees, posts and trellis and its berries are marvelous. The Purple and White Clematis climb on wire and trellis to yield a great display of lovely flowers, and the Beta grape, which is absolutely hardy here, will cover a pergola or trellis and bear edible fruit.

BITTERSWEET (*Celastrus scandens*). Hardy, native climber. Red berries. Useful for trailing effects or banks, or for trellises, arbors, pergolas, fences, etc. Each

2 yrs. \$0.60
3 yrs.80
Extra strong plants 1.25

BOSTON IVY (*Ampelopsis veitchi*). Not altogether hardy in Minnesota.

2 yrs. \$1.00
3 yrs. 1.50

CLEMATIS *Coccinea* (Scarlet Clematis).

Strong potted plants \$1.00

Clematis Henryi. Single, creamy-white flowers.

Strong potted plants \$1.25

Clematis Jackmani. Violet purple. The most popular and the hardiest of the blue flowering Clematis.

Strong potted plants \$1.25

Clematis, Mme. Edouard Andre. Velvety red.

Strong potted plants \$1.25

Clematis Paniculata (Sweet Autumn Clematis). Rapid growth. Of graceful twining habit, it soon festoons a porch or arbor with light green foliage, and in late summer is a mass of fragrant starry white flowers.

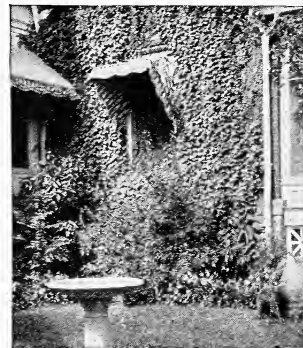
Strong potted plants \$1.00
3 yrs., strong potted plants 1.50

DUTCHMAN'S PIPE (*Aristolochia sipho*). Large, heart-shaped leaves.

2 yrs., strong \$1.25
3 yrs., strong 1.50



AN ATTRACTIVE USE OF BETA GRAPE.



ENGELMAN'S IVY.

ENGELMAN'S IVY. (*Ampelopsis engelmanni*).

This is the only Ivy that is perfectly hardy in Minnesota, and that will cling to brick, stone or plaster. Each

2 yrs. \$0.60
3 yrs.80
Extra-strong plants 1.00

GRAPE, Beta. Desirable for fruit or foliage. Useful on pergolas, arbors, fences, etc. Hardy, rapid in growth and has large attractive leaves which quickly cover its support.

2 yrs., strong \$0.60
3 yrs., strong80
Extra strong plants 1.00

Grapes, Hardy Wild.

2 yrs., strong \$0.60
3 yrs., strong80

HONEYSUCKLE, Hall's Japan (*Lonicera halliana*). Fragrant, buff colored flowers.

2 yrs. strong \$0.70

Honeysuckle, Scarlet Trumpet (*Lonicera sempervirens*). An interesting twiner with smooth, grayish leaves which surround the stem of the vine. Flowers clear scarlet, with yellow throat.

2 yrs., strong \$0.70
3 yrs., strong90

MATRIMONY-VINE (*Lycium chinense*). For banks and slopes. Brilliant red berries in fall.

2 yrs. \$0.60
3 yrs.80
Extra strong 1.00

VIRGINIA CREEPER (*Ampelopsis quinquefolia*). A well known native vine of the twining type, for fence, posts, arbors, pergolas and the like.

2 yrs. \$0.60
3 yrs.80

WISTERIA. Purple. For protected places only.

2 yrs., strong \$1.00
3 yrs., strong 1.25

PLANT A ROSE GARDEN

This most beautiful flower can be successfully grown in northern gardens. Our stock includes the finest specimens of those varieties which have proven the most adaptable to our climate.

Our landscape department will help you plan and arrange a rose garden. Everyone who has any space at all should grow a few roses.

Our complete stock of fine rose varieties is listed on pages 31 and 32.

Plant Engleman's Ivy to cling on a brick or stucco chimney.



THIS CHART MAKES it EASY to PLAN Your BORDERS

In the table is given height of growth and color and season of bloom of the more popular flowering perennials. The data has been compiled from actual Minnesota gardens. It will be easy to group flowers in harmonious color arrangements by following this chart. Naturally the lower growers should be placed near the front of the border.

SEASON						VARIETY NAME	HEIGHT	COLOR						
MAY	JUNE	JULY	AUGUST	SEPT.	OCT.		IN FEET 1. 2. 3. 4. 5.	WHITE	PINK	YELLOW	ORANGE	RED	BLUE	PURPLE
						ACHILLEA - BALL OF SNOW								
						ACONITUM - MONKSHOOD								
						ANCHUSA - ALKANET								
						ANTHEMIS - HARDY MARGUERITE								
						AQUILEGIA - IN VARS - COLUMBINE								
						ASCLEPIAS - BUTTERFLY WEED								
						ASTER - NEW ENGLAND								
						ASTILBE - HYBRID VARIETIES								
						BOCCONIA - PLUME POPPY								
						BOLTONIA ASTEROIDES								
						CAMPANULA - HARE BELL								
						CHRYSANTHEMUM - ALASKA DAISY								
						COREOPSIS - TICKSLED								
						DELPHINIUM - IN VARS - LARKSPUR								
						DIELYTRA - BLEEDING HEART								
						DIANTHUS - SWEET WILLIAM								
						DIANTHUS - SCOTCH PINK								
						FUNKIA - WHITE PLANTAIN LILY								
						FUNKIA - BLUE PLANTAIN LILY								
						GAILLARDIA - BLANKET FLOWER								
						Gypsophila - BABY'S BREATH								
						HELIOPSIS - ORANGE SUNFLOWER								
						HEUCHERA - CORAL BELLS								
						HEMEROCALLIS - LEMON DAY LILY								
						HOLLYHOCKS - IN VARS.								
						IRIS - GERMANICA - IN VARS								
						LILIUM - TIGER LILY								
						LILY - OF-THE-VALLEY								
						LYCHNIS - JERUSALEM CROSS								
						LYTHRUM - LOOSESTRIPE								
						MONARDA - OSWEGO TEA								
						MYOSOTIS - FORGET-ME-NOT								
						PEONIES - IN VAR.								
						PAPAVER - ORIENTAL POPPY								
						PHLOX - IN VARS.								
						PLATYCODON - BELLFLOWER								
						PYRETHRUM - PERSIAN DAISY								
						PYRETHRUM - OX-EYE DAISY								
						RUDBECKIA - GOLDEN GLOW								
						SEDUM - STONE CROP								
						STATICE - SEA-LAVENDER								
						TROLLIUS - GLOBE FLOWER								
						YUCCA - ADAM'S NEEDLE								

HARDY PERENNIAL FLOWERS



THE Perennials persist over winter and renew their growth with increased vigor in the spring. Their first cost is small, so that one can enjoy a good assortment at a modest outlay. When you consider their tendency to be permanent, giving flowers year after year with only minimum care, then their really small expense yet exceedingly great value is apparent.

Soil and Planting. Perennials are best arranged in beds or borders with varieties selected so that there will be some in bloom at all times. The time of blooming is given in the descriptions. The soil should be well worked up and fertilized if necessary. Surface cultivation of the ground between the plants should be practiced. A location free of tree roots and dense shade is desirable.

Note. The development of perennials after planting is dependent upon soil, moisture, location and many such factors over which we have no control. Our customers can feel sure of receiving from our nurseries the best grade of stock, properly handled and packed, but should not expect us, nor do we agree, to assume responsibility as to the outcome of their plantings or to make replacements without charge.

Quantity Rate. Ten or more plants of a variety will be supplied at 5c less per plant. Example: Plants priced at 35c each are \$3.00 for ten.

ACHILLEA, Boule de Neige. Ball of Snow. White flowers of full and perfect form. 1½ ft. June to Sept. 35 cts.; 2 yr., 50 cts.

Achillea millefolium roseum. Rosy Milfoil. Pink flowers in compact heads. 2 ft. June to Sept. 35 cts.; 2 yr., 50 cts.

Achillea, Perry White. Pure white flowers of broad overlapping petals. Blooms June to Sept. 1½ ft. Fine cut flowers. 35 cts.; 2 yr., 50 cts.

ACONITUM fischeri. Late Monkshood. Strong spikes of dark blue helmet shaped flowers. 3 ft. October. 40 cts.; 2 yr., 60 cts.

Aconitum napellus. Monkshood. Loose spikes, bright blue flowers, attractive

lustrous green leaves. 4 ft. Sept. 40 cts.; 2 yr., 60 cts.

ALASKA DAISY. 30 cts.; 2 yr., 50 cts. (See Chrysanthemum Maximum).

ALYSSUM saxatile compactum. Golden Tuft. Masses of yellow flowers in early spring. For rockery or border. 12 in. 35 cts; 2 yr., 50 cts.

ANCHUSA italica, Dropmore. Alkanet. Gentian-



HELMET-SHAPED FLOWERS OF ACONITUM.



There are always flowers to enjoy and cut in the perennial border. Mr. Fred A. Benjamin, White Bear.

blue flowers in June and July. Four to five feet. Large heavy leaves. 40 cts.; 2 yr., 60 cts.

ANTHEMIS tinctoria kelwayi. Hardy Marguerite. Daisy-like flowers of golden-yellow. 1½ ft. June to Oct. Delicate foliage. 30 cts.; 2 yr., 50 cts.

AQUILEGIA canadensis. Canada Columbine. Flowers red and yellow. Medium short spurs. 2 ft. June to Aug. 35 cts.; 2 yr., 50 cts.

Aquilegia chrysantha. Golden Columbine. Yellow flowers with long spurs. 2 ft. June to Aug. 35 cts.; 2 yr., 50 cts.

Aquilegia helenae. Blue Columbine. 1½ ft. June to Aug. 35 cts.; 2 yr., 50 cts.

Aquilegia Hybrids. Long-spurred flowers in a variety of beautiful colors. 35 cts.; 2 yr., 50 cts.

ARABIS alpina. Rock Cress. Dwarf plant, compact and spreading, covered with white flowers. 6 in. April and May. 35 cts.; 2 yr., 50 cts.

ARMERIA Formosa. Sea Pink. Dwarf border or rockery plant. Pink flowers on wiry stems. 9 in. All season bloom. 35 cts.; 2-yr., 50 cts.

ARTEMISIA lactiflora. Mountain Fringe. Large

branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug. to Sept. 40 cts.; 2 yr., 60 cts.

ASTER novae-angliae. New England Aster (Michaelmas Daisy). Hardy purple Aster. 4 to 5 ft. Sept. and Oct. 35 cts.; 2 yr., 50 cts.



ALASKA DAISY.

Our perennials are field-grown—strong, sturdy plants.



HARDY PERENNIALS—Continued

Aster, Lil Fardell. Showy flowers are rich, mauve pink. 4 to 5 ft. Sept. and Oct. 35 cts.; 2 yr., 50 cts.

Aster tataricus. Tallest and latest to bloom. Violet blue flowers. 5 ft. 35 cts.; 2 yr., 50 cts.

Aster White Climax. Pure white Aster. 4 to 5 ft. Sept. and Oct. 35 cts.; 2 yr., 50 cts.

ASTILBE Gruno Hybrid. Showy garden plant of easy culture. Flowers are of salmon pink in graceful spikes. June and July. 3½ ft. 50 cts.; 2 yr., 75 cts.

Astilbe japonica. (Spirea Japonica). Heavy spikes of white, feathery flowers in June and July. Showy in the garden. Good for cutting. 2½ ft. 75 cts.; 2 yr., \$1.00.

Astilbe Salland. Red stems and red flowers. 60 cts.

BAPTISIA australis. False Indigo. Spikes of dark blue flowers in June and July. Likes sunlight and dry soils. 3 ft. 35 cts.; 2 yr., 50 cts.

BLEEDING HEART (*Dicentra spectabilis*). Rose-crimson heart-shaped flowers in drooping racemes. The old garden favorite. 18 ins. April and May. Partial shade. 60 cts.; 2 yr., \$1.00.

BOCCONIA cordata. Plume Poppy. Tall growing perennial fine for background. 6 ft. Creamy white plummy flowers in August. 35 cts.; 2 yr., 50 cts.

BOLTONIA asteroides. False Starwort. Pure white, Aster-like flowers in profusion. Excellent cut flowers. 4 to 5 ft. Aug. and Sept. 35 cts.; 2 yr., 50 cts.

Boltonia latisquama. A variety of False Starwort. Pinkish lavender flowers. 35 cts.; 2 yr., 50 cts.

CAMPANULA carpatica. Carpathian Harebell. Dwarf habit and compact growth. Bell-shaped, light blue flowers in July and August. 8 to 10 inches, 35 cts.; 2 yr., 50 cts.

Campanula carpatica alba. White Harebell. A white-flowering form of the above. 35 cts.; 2 yr., 50 cts.

Campanula calycanthema. Cup-and-Saucer Bellflower. A biennial. Blooms July and Aug. 3 ft. Colors mixed in blue, rose and white. 35 cts.; 2 yr., 50 cts.

Campanula glomerata. Clustered Bellflower. Dense tuft of dark green foliage with globular dark-blue flowers. 18 ins. June and July. 40 cts.; 2 yr., 60 cts.

Campanula medium. Canterbury Bells. A biennial. Large bell flowers of rose, blue and white. July. 3 ft. 35 cts.; 2 yr., 50 cts.

CENTAUREA montana. Perennial Cornflower. Violet-blue resembling cornflowers. 1½ ft. July to Sept. 35 cts.; 2 yr., 50 cts.

CHRYSANTHEMUM maximum. Alaska Daisy. An improved Shasta Daisy that blooms freely all summer.



HARDY ASTER.



THE COLUMBINE'S QUAINF FLOWERS.

White flowers with yellow center. Height 12 to 15 ins. 30 cts.; 2 yr., 50 cts.

Chrysanthemum maximum. Moonpenny Daisy. White Daisy of moderate size. 3 ft. June. 30 cts.; 2 yr., 50 cts.

CLEMATIS davidiana. A bush Clematis with pale blue flowers in small clusters. Fragrant. 3 to 4 ft. August and Sept. 60 cts.; 2 yr., \$1.00.

Clematis recta. Shrubby growth to 3 ft. Flowers are white in showy clusters on long stems. June and July. 60 cts.; 2 yr., \$1.00.

COREOPSIS lanceolata grandiflora. Tickseed. Golden yellow flowers on long graceful stems from June until frost. Fine for cutting. Narrow light green leaves. 2 ft. 30 cts.; 2 yr., 50 cts.

DAY LILY. See Hemerocallis.

DELPHINIUM chinense. Slender Larkspur. Heads of bright blue flowers in open sprays from June until frost. Finely cut, fern-like foliage. 3 ft. 35 cts.; 2 yr., 50 cts.

Delphinium chinense alba. White flowering form of the Slender Larkspur. 35 cts.; 2 yr., 50 cts.

Delphinium Belladonna. Clear, turquoise blue flowers with long blooming habit. 3 to 4 ft. 35 cts.; 2 yr., 50 cts.

Delphinium Bellamosa. A dark blue Larkspur of free-blooming habit. 3 to 4 ft. 35 cts.; 2 yr., 50 cts.

Delphinium Hybrids. Large flowers of varied shades of blue in strong spikes. 35 cts.; 2 yr., 50 cts.

DIANTHUS barbatus. Sweet William. Flowers in variations of red, white and rose colors. May to July. 18 ins. 30 cts.; 2 yr., 50 cts.

Dianthus deltoides. Maiden Pink. A dwarf plant with rosy pink flowers in June and July. 9 ins. 30 cts.; 2 yrs., 50 cts.

Dianthus plumarius. Clove Pink. The fragrant white to scarlet flowers bloom in early summer. Grass-like leaves. 9 ins. 30 cts.; 2 yr., 50 cts.

Dianthus semperflorens. Everblooming Pink. A small growing Pink, flowers of mixed colors, with a long season of bloom. 30 cts.; 2 yr., 50 cents.

Perennials, when established, thrive and bloom year after year.

DICTAMNUS fraxinella. Gas plant. Bushy growth. Terminal clusters of white and rose-pink flowers in June and July. 2½ ft. 60 cts.; 2 yr., \$1.00.

DICENTRA eximia. Plumy Bleeding Heart. Rosy-pink heart-shaped flower in bloom from May through August. Delicate, finely-cut foliage. 9 to 12 inches. 35 cts.; 2 yr., 50 cts.

Dicentra spectabilis. Bleeding Heart. The favorite old-fashioned flower. 2½ ft. April and May. 60 cts.; 2 yr., \$1.00.

DIGITALIS gloxiniaeflora. Foxglove. A biennial. White, purple and rose blossoms in long flowering spikes. 4 ft. July. 35 cts.; 2 yr., 50 cts.

ECHINOPS ritro. Globe Thistle. Ball-shaped metallic-blue flowers; thistle-like foliage. 3 ft. July to Sept. 40 cts.; 2 yr., 60 cts.

ELYMUS GLAUCUS (Blue Lyme Grass) A handsome hardy grass with silvery leaves. Attractive in flower bouquets or as a garden plant. 2 ft. 35 cts.; 2 yr., 50 cts.

FERNS, Hardy. A collection of strong-growing, native varieties suitable for yard planting. 40 cts.; 2 yr., 60 cts.

FILIPENDULA palmata (Spiraea). Crimson meadowsweet. Deep pink to carmine flowers in loose clusters. Purplish, leafy stems to 3 ft. June and July. 50 cts.; 2 yr., 70 cts.

Filipendula ulmaria (Spiraea). Meadowsweet. Tufted, fern-leaved plant. Masses of white flowers on 18 in. stems in June and July. 40 cts.; 2 yr., 60 cts.

FORGET-ME-NOT (Myosotis scorpioides). Dainty blue flowers from May to Sept. 10 ins. 30 cts.; 2 yr., 50 cts.

FUNKIA (Hosta) caerulea. Blue Plantain Lily. Drooping flowers of blue in July and August. 15 ins. Excellent border plant. Dark green, glossy foliage. Stands shade. 25 cts.; 2 yr., 40 cts.

Funkia subcordata. White Plantain Lily. Fragrant, white, Lily-like flowers in Aug. and Sept. Glossy foliage. 18 ins. 50 cts.; 2 yr., 75 cts.

Funkia Undulata Variegata. Broad, waxy foliage, beautifully variegated with white. Very attractive border plant. Blue flowers in July. 15 ins. Stands shade. 30 cts.; 2 yr., 40 cts.

GAILLARDIA Grandiflora. Blanket Flower. Rich red and crimson petals with broad border of yellow. A brilliant garden flower unsurpassed for cutting. June to Oct. 2 ft. 30 cts.; 2 yr., 50 cts.

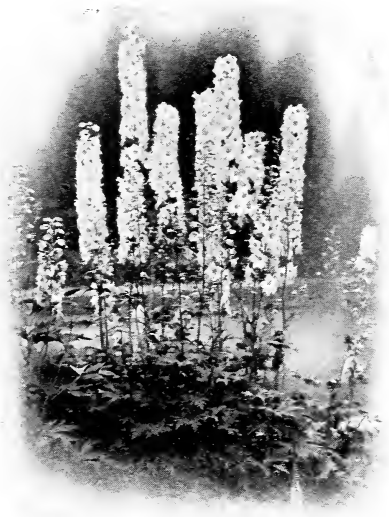
GOLDEN GLOW. See *Rudbeckia laciniata*. 30 cts.; 2 yr., 40 cts.



GAILLARDIA
Rich red and yellow in color.

GYPHOPHILA paniculata. Baby's Breath Cut-flower. Tiny white blossoms cover the plant through July and August. 2 to 3 ft. 30 cts.; 2 yr., 50 cts.

Gypsophila paniculata fl. pl. Double Baby's Breath. Small double rosette-like flowers. White. Much in demand for cut flower uses. Extra strong, \$1.50 each.



HARDY LARKSPUR (Delphinium).

HARDY PINKS. See *Dianthus*.

HELENIUM autumnale superbum. Sneezeweed. Golden yellow flowers in August and Sept. 4 to 5 ft. 35 cts.; 2 yr., 50 cts.

Helenium Riverton Gem. New. Old-gold shaded with terra-cotta and red. For cutting or garden show. 3 ft. Aug. to frost. 35 cts.; 2 yr., 50 cts.

HELIOPSIS helianthoides pitcheriana. Orange Sunflower. Single, thick-textured flowers of deep golden yellow. June to Sept. 3 ft. 35 cts.; 2 yr., 50 cts.

Heliopsis scabra zinniaeflora. New double flowering variety with zinnia-like flowers of golden yellow in July and Aug. 24 ins. 40 cts.; 2 yr., 60 cts.

HEMEROCALLIS flava. Lemon Day Lily. Sweetly scented lemon-yellow flowers in June and July. 2½ ft. 35 cts.; 2 yr., 50 cts.



FUNKIA—Blue plantain Lily.

There is nothing more enjoyable than an old-fashioned flower garden.



HARDY PERENNIALS—Continued

Hemerocallis fulva. Tawny Day Lily. Very hardy, vigorous perennial with orange colored Lilies. 3 ft. July. 30 cts.; 2 yr., 40 cts.

Hemerocallis middendorffii. The earliest Day lily to bloom. June. Flowers are deep golden yellow. 2 to 3 ft. 35 cts.; 2 yr., 50 cents.

HEUCHERA Pleu-de-Feu. Alum Root. Crimson flowers are borne in graceful sprays from middle to late summer. About the size of Lily-of-the-Valley bells. 18 ins. Evergreen leaves. 50 cts.; 2 yr., 75 cts.

Heuchera sanguinea. Coral Bells. Bright coral-crimson bells are held pendant from slender flower stems. 18 ins. July to Sept. Evergreen, geranium-like leaves. 50 cts; 2 yr., 75 cts.

HIBISCUS Crimson-Eye. Rosemallow. Large pure white flowers with deep crimson center. Aug. and Sept. 4 ft. 40 cts.; 2 yr., 60 cts.

Hibiscus Mallow Marvels. Giant flowering varieties in crimson, pink and white. 4 to 5 ft. 40 cts.; 2 yr., 60 cts.

HOLLYHOCK, Althaea. Allegheny Mammoth. Single flowers of delicately fringed petals. Mixed colors. 5 to 7 ft. July and Aug. 35 cts.; extra strong, 50 cts.

Hollyhock. Double Flowering. Yellow, white, pink and red colors. July and Aug. 5 to 7 ft. 35 cts.; extra strong, 50 cts.

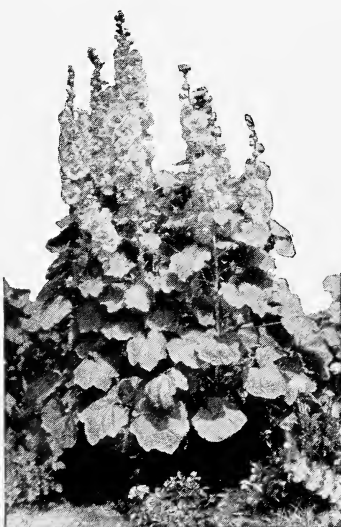
Hollyhock. Single Flowering. Many prefer these single-flowered varieties. Mixed colors. 35 cts.; extra strong, 50 cents.

IRIS. Fleur-de-Lis. See list page 27.

LARKSPUR. See Delphinium.

LIATRIS pycnostachya. Kansas Gay Feather. Tall, rocket-like spikes of rosy-purple flowers. 4 ft. Aug. and Sept. 35 cts.; 2 yr., 50 cents.

LILIUM auratum. Gold-banded Lily. Fragrant white flowers spotted crimson with central yellow band. Red anthers. 3 ft. July and Aug. Started and potted plants, 75 cts.



HOLLYHOCKS.

Lilium elegans. Orange Lily. Very hardy variety producing orange-red flowers in great numbers. 18 in. July. 35 cts.; 2 yr., 50 cts.

Lilium speciosum album. Japanese. White flowers with recurved petals. 2 ft. Aug. and Sept. Started, potted plants, 75 cents.

Lilium speciosum rubrum. A fragrant lily, under color white, shaded and spotted with crimson. 2 ft. Aug. and Sept. Started, potted plants, 75 cts.



THE REGAL LILY—The wonderful lily from China.

Lilium regale. The Regal Lily. The acknowledged peer of all lilies for Northern gardens. Recently introduced from N. W. China, and proving hardy in Minnesota. The flowers are white with pink tinge on the outer side, with canary yellow shadings within the cup. Deliciously fragrant. 3 to 4 ft. July. Large, dormant bulbs, 75 cts. each; started, potted plants, \$1.00 each.

Lilium tigrinum Fl. Pl. Double Tiger Lily. A double flowering form of this well-known, hardy Lily. Orange-red spotted with black. Late July and August. 4 ft. Bulbs, 35 cts.; extra size, 50 cts.

LILY-OF-THE-VALLEY. Pure white, dainty bell-shaped flowers in May and June. Fragrant. 8 to 10 ins. Field clumps, 25 cts.; extra heavy, 40 cts.

LINUM perenne. Blue Flax. Graceful foliage with delicate flowers of pearly blue. May to August. 18 ins. 35 cts.; 2 yr., 50 cts.

LUPINUS polyphyllus. Azure blue, pea-shaped flowers in long spikes. Late May and June. 3 to 4 ft. 40 cts.; 2 yr., 60 cts.

LYCHNIS chalcidonica. Jerusalem Cross. Flowers of vermilion-scarlet in immense heads. 2½ ft. June to mid-July. 35 cts.; 2 yr., 50 cts.

LYTHRUM ROSEUM. Rose Loosestrife. Tall spikes of rose-colored flowers. July to Sept. 3 to 4 ft. 35 cts.; 2 yr. 50 cts.

MEADOW SWEET (Filipendula). Pink to crimson flowers in feathery heads. June and July. Mixed colors. 50 cts.; 2 yr., 70 cts.

MENTHA spicata. Spearmint. Hardy garden mint. 30 cts.; 2 yr., 40 cts.

MONARDA didyma. Oswego Tea. Compact heads of bright red flowers. Aromatic foliage. June to Sept. 3 ft. 35 cts.; 2 yr., 50 cts.

MYOSOTIS scorpioides. Forget-Me-Not. Delicate blue flowers on a dwarf border plant. May to Sept. 10 ins. 30 cts.; 2 yr., 50 cts.

OENTHERA missouriensis. Evening Primrose. Large golden-yellow poppy-like flowers from June to August. 12 inches. 35 cts.; 2 yr., 50 cts.

H. and O.'s famous Perennial Collections. See page 26.



PACHYSANDRA terminalis. A valuable dwarf Evergreen perennial for ground cover planting. 6 to 9 ins. 30 cts.; 2 yr., 50 cts.

PENTSTEMON barbatus torreyi. Beard Tongue. Tall spikes of brilliant scarlet flowers. 3½ ft. July. 35 cts.; 2 yr., 50 cts.

PEONIES. See lists, pages 28 and 29.

PERSIAN DAISY. See *Pyrethrum Hybridum*.

PHLOX. See list, page 30.

PHYSALIS francheti. Chinese Lantern Plant. Brilliant orange colored seed-pods or "lanterns" in Sept. 2 ft., 30 cts.; 2 yr., 50 cts.

PHYSOSTEGIA virginica. False Dragon Head. Strong spikes of delicate pink flowers. July and Aug. 2 to 3 ft. 35 cts.; 2 yr., 50 cts.

PLATYCODON grandiflorum. Balloon Flower. Star shaped blue flowers at the tip of each branch. Compact, bushy growth to 18 ins. June to Sept. 35 cts.; 2 yr., 50 cts.

Platycodon grandiflorum album. A white flowered variety of the above. 35 cts.; 2 yr., 50 cts.

POPPY, Oriental (*Papaver orientale*). Massive flowers of deep scarlet. May and June. 2½ ft. 35 cts.; 2 yr., 50 cts.

Poppy, Oriental: New Named Varieties—50 cts. each. Beauty of Livermore, crimson with dark shadings. Mrs. J. Harkness, bright salmon pink. Mrs. Perry, orange apricot.

Poppy, Iceland (*Papaver nudicaule*). Cup-shaped flowers of brilliant colors from white to yellow and orange scarlet. June to Sept. 12 ins. 35 cts.; 2 yr., 50 cts.

PYRETHRUM Hybridum. Persian Daisy. Daisy-shaped flowers in white to shades of pink, rose and red. Splendid for cutting. 2½ ft. May and June. 30 cts.; 2 yr., 50 cts.

Pyrethrum Uliginosum. Giant Daisy. Large white flowers in Aug. and Sept. Splendid for cutting. 4 to 5 ft. 35 cts.; 2 yr., 50 cts.

REGAL LILY. The best garden Lily. See *Lilium Regale*. Large bulbs, 75c; started plants, \$1.00.

RUDBECKIA laciniata. Golden Glow. The popular, double yellow blossoms of Aug. and Sept. 5 to 6 ft. 30 cts.; 2 yr., 40 cts.

Rudbeckia newmanni. Single, yellow, daisy-like flowers with high purple cone. Aug. to Oct. 3 ft. 35 cts.; 2 yr., 50 cts.

Rudbeckia purpurea. Purple Cone-flower. Rose-purple flowers with tall, brown cone center. 3 to 4 ft. Aug. to Oct. 35 cts.; 2 yr., 50 cts.

SALVIA azurea. Meadow Sage. Azure blue flowers in tall, slender spikes. Aug. and Sept. 3 to 4 ft. 35 cts.; 2 yr., 50 cts.



HEUCHERA OR CORAL BELLS



COREOPSIS.

SEDUM acre. Golden Moss. Bright yellow flowers in June and July. Dwarf plant, 4 ins., useful for rockery or borders. 30 cts.; 2 yr., 50 cts.

Sedum spectabile. Brilliant Stonecrop. Pink to rosy-red flowers in heavy flat clusters. 18 ins. Aug. and Sept. 30 cts.; 2 yr., 50 cts.

SHASTA DAISY. See *Chrysanthemum*.

SPIRAEA. See *Astilbe* and *Filipendula*.

STATICE latifolia. Sea Lavender. Delicate, small, blue flowers cover the branching tops in Aug. and Sept. 2 ft. 35 cts.; 2 yr., 50 cts.

TROLLIUS. Globe Flower. A glorified Buttercup. Handsome dark green foliage with yellow to orange cup-like flowers in May and June. 2 ft. 50 cts.; 2 yr., 75 cts.

VALERIANA officinalis. Hardy Garden Heliotrope. Sweetly fragrant, gray-pink flowers in June and July. Deeply cut foliage. 3 ft. 35 cts.; 2 yr., 50 cts.

VERONICA longifolia. Japanese Speedwell. Long spikes of attractive blue-violet flowers. 2 ft. Aug. and Sept. 35 cts.; 2 yr., 50 cts.

Veronica spicata. Speedwell. Spikes of blue flowers in June. 1½ ft. 35 cts.; 2 yr., 50 cts.

Veronica spicata alba. A white form of the above. 35 cts.; 2 yr., 50 cts.

VIOLA. Tufted Pansy. Rich green foliage with blue flowers like small Pansies. 8 ins. May to Sept. Splendid border plant. 30 cts.; 2 yr., 50 cts.

YUCCA filamentosa. Adam's Needle. Stiff, sword-shaped leaves with tall spikes of white, drooping flowers in July. 4 ft. 50 cts. each; 2 yr., 75 cts.



RUDBECKIA PURPUREA—Purple Cone Flower.

Those who buy H. & O. perennials always come back for more.



Our Famous Perennial Collections

HERE are some special groupings of H. & O.'s strong field grown perennials. The adaptability of these groupings to any home and the money saving values have made these collections immensely popular. A small bed of perennials costs little more than a bouquet of cut flowers in winter and yet they give you bloom year after year. You will be pleased with all of these selections.

H. & O.'s Special Group Planting

2 New England Asters
2 Helenium (Yellow)
2 Larkspurs
2 Golden Glow
2 Tall Fall-daisy

} 10 tall growing

2 Coreopsis
2 Iris
2 Gaillardia
2 Persian Daisy
2 Alaska Daisy

} 10 medium height

20 Choice Perennials, Catalog value...\$6.40

Special Group Price.....\$5.00

(Packing free—Express extra)

Cut Flower Collection

These 10 perennials are especially suitable for cutting. All have attractive flowers with long stems.

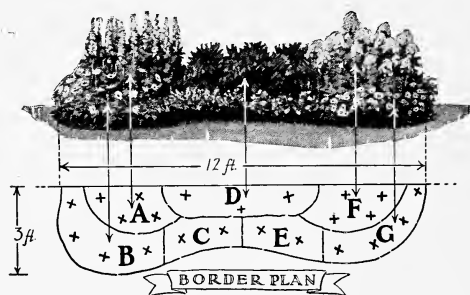
2 Achillea
2 Aster (Hardy)
2 Coreopsis
2 Larkspurs
2 Gaillardia

2 Baby's Breath
2 Iris (Fleur-de-Lis)
2 Persian Daisy
2 Iceland Poppy
2 Anthemis

Collection of 20 Plants,
2 each of the above.....\$5.00

(Packing free—Express extra)

A Special 12-ft. Perennial Bed



Key	No.	Variety	
A	4	Larkspur	\$1.40
B	4	Gaillardia	1.20
C	2	Achillea	.70
D	3	Peonies (red, white, pink)	2.25
E	2	Iceland Poppy	.70
F	4	Phlox, Pink	1.40
G	4	Alaska Daisy	1.20

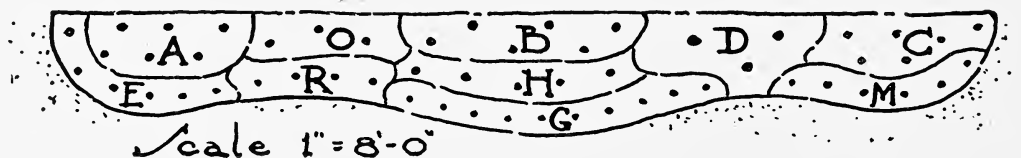
Catalog Price.....\$8.85

23 Flowering Perennials,
Special Group Price.....\$7.25

(Packing free—Express extra)

H. & O.'s COMPLETE BACK YARD PERENNIAL BORDER

Plant this border of hardy perennials along the property line and enjoy flowers from May to October. Enough plants here for a bed 30 to 35 feet long of the old garden favorites.



Key	No.	Variety
A	6	Delphinium—(Larkspur) 2 varieties
B	6	Pyrethrum—Giant fall Daisy
C	6	Hollyhock—Assorted colors
D	3	Peony—1 pink, 1 red, 1 white
E	6	Gaillardia—Blanket Flower
G	10	5 Iris, assorted, and 5 Persian Daisies
H	5	Hardy Pink Phlox
M	6	Alaska Daisy
O	3	Hardy Aster
R	4	Achillea—Ball of Snow

THIS COMPLETE GARDEN—55 HARDY PERENNIALS

in strong, field-grown stock—selected for a long season of bloom and harmonious colorings—Catalogue value, \$19.35,

SPECIAL COMBINATION PRICE
(F. O. B. St. Paul).....\$15.00

(No packing charge)

IRIS (Fleur-de-Lis)

The Hardy Garden Orchid



HAT is more lovely in springtime than the bloom of a mass of Iris along a walk or in the border?

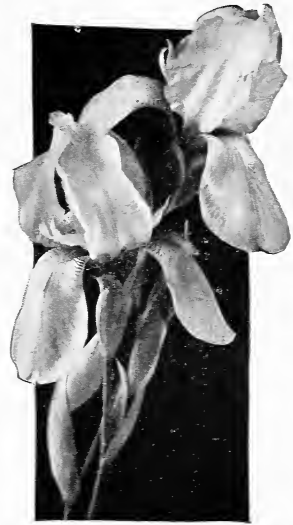
Iris is so generally considered as one of the most beautiful of perennial plants as to rightly deserve its common name—"The Hardy Orchid." For cutting use, as house and table decorations, the Fleu-de-Lis is highly desirable. Stalks of flowers, cut when in bud, often last a week in doors.

PLANTING. Set the roots only deep enough to have them covered with soil and avoid any fresh manure as a fertilizer.

PRICES. The 1-year plants are strong, thrifty roots; the 2-year stock is heavier and will produce results more quickly.

Quantity Rate. Ten or more of a variety will be supplied for 5c less per plant. Example, plants priced at 35c each are \$3.00 for ten.

NOTE. In the descriptions "S" or "Standards" refer to the three upright petals. The letter "F" or "Falls" refers to the three drooping or lower petals.



HARDY IRIS.
Available in many colors.

	1 Yr.	2 Yr.
Ambigue. S., smoky red; F., brown.	\$1.00	
Archeveque. Standards, deep violet purple; Falls, rich velvety violet...	.75	\$1.25
Aurea. Rich chrome-yellow. Large flower	.35	.60
Bridesmaid. S., white, shaded silvery lilac; F., white, frilled lilac.	.25	.40
Caprice. S., reddish purple; F., deeper claret. Large and handsome...	.35	.50
Celeste. S., and F., azure blue.	.30	.50
Eldorado. Bronze, shaded heliotrope; F., violet-purple shaded bronze.	.50	.75
Fairy. Ivory, suffused soft blue.	.30	.50
Florentina. White flushed with lavender. Very early.	.25	.40
Her Majesty. S., rose-pink; F., reddish lilac; veined with crimson.	.30	.50
Isolene. S., lilac-pink; F., mauve with golden throat	.75	1.00
Jeanne d'Arc. Lilac and pure white.	.50	.75
Johan de Witt. S., bluish-violet; F., deep violet-purple, white veins.	.25	.40
King of Iris. S., lemon-yellow; F., maroon, bordered golden yellow.	.60	1.00
Kochi Atro-Purpurea. (Black Prince). Purple lilac and velvety-black.	.30	.50
Lent A. Williamson. (New) S., soft violet; F., large, royal purple with golden beard. Highest score variety	1.25	2.50
Lohengrin. Silvery pink-mauve throughout. Large flowers.	.35	.50
Loreley. S., light yellow; F., blue and cream	.30	.50
Madame Chereau. White, frilled with violet. Very beautiful.	.25	.40
Mithras. S., yellow; F., wine red, yellow edge	.35	.50
Monsignor. S., bluish lavender; F., velvety purple-crimson with white veinings	.40	.65
Mrs. H. Darwin. S., white; F., white with violet at base.	.25	.40
Oriflamme. S., light blue; F., violet-purple	.60	1.00
Pallida Dalmatica. S., lavender; F., clear deep lavender.	.35	.50

Pallida Mandraliscae.
Lavender-purple. 1 yr., 35 cts.; 2 yr., 50 cts.

	1 Yr.	2 Yr.
Pallida Speciosa. S., dark lavender shaded light; F., light purple. Clear color. Tall	.30	.50
Parc de Neuilly. A rich purple.	.50	.75
Parisiana. S., lavender pink, mottled; F., creamy white, pink border.	.50	.75
Perfection. S., light blue; F., rich dark velvety violet. Bright orange beard	.35	.50
Penelope. S., white; F., white, veined violet	.30	.50
Quaker Lady. S., smoky lavender; F., blue and old gold.	.50	.75
Queen of May. Soft rose-lilac; nearly pink	.30	.50
Rhein Nixie. S., white; F., rich violet-purple, edged white. Strong grower	.40	.65
Shakespeare. S., bronze yellow; F., maroon, marked yellow.	.25	.40
Sherwin-Wright. Clear golden yellow	.50	.75
Spectabilis. Violet blue.	.25	.40
Vericolor. Native Flag. Violet blue.	.25	.35
Violaacea Grandiflora. S., clear lavender; F., violet blue.	.25	.40
White Knight. A fine pure white.	1.25	

EARLY DWARF IRIS—For Borders

Pumilia Hybrida. Yellow or purple.	\$0.25	\$0.40
Pumilia-Schneekuppe. White	.40	.60

JAPANESE IRIS

A large-flowering Iris that blooms in July. Not as hardy as the Germanica type and needs protection. We offer choice plants in WHITE, LIGHT BLUE, VIOLET-BLUE, REDDISH CRIMSON.

Strong roots, 40 cents each.

SIBERIAN IRIS

Narrow, grassy foliage; delicate flowers, early July.

Siberian Blue. Violet blue.	\$0.25	\$0.40
Snow Queen. Ivory white.	.25	.40

CHOICE HARDY IRIS COLLECTION

Enough for plenty of beautiful cut flowers every spring. 12 plants—2 each of 6 different varieties. Value, \$3.30.

Special Combination Price (12 plants) **\$2.50**

(Packing Free, Express Extra)

Everybody loves the Iris in Springtime.



PEONIES—The Flower of the Great Northwest

A FEW choice plants of PEONIES will fill your garden with color and fragrance from late May through June. Even the rose cannot excel in beauty and charm the flowers of the modern Peony. Here, under our northern conditions, it is peer of all flowers in combining so well the qualities of absolute hardiness, great color variation, size, beauty and fragrance of bloom.

PLANTING. The roots should be set with the "eyes" 2 to 3 inches below the surface and the soil tightly packed about them. Allow a spacing of about 3 feet between the plants.

The soil should be of good substance and the location free of tree roots and dense shade. Bone meal is preferred as a fertilizer. A light covering of straw, after the ground has frozen is desirable.

NOTE. The figures directly following the variety name denote the comparative rating by votes of the American Peony Society in 1925. The valuation is on a scale of 10 as the perfect score. Any variety given a rating of 7.0 and over can be considered as highly desirable. We list only those sorts suitable to our northern conditions and that have proven their value as producers under ordinary garden culture.

QUALITY. The "roots" are substantial plants with 3 to 5 strong eyes. The "clumps" vary in size but are the 2- to 4-year old stock. These older plants are desirable when immediate flowering results are wanted.

WHITE PEONIES

	Roots Each	Clumps Each
Avalanche. 8.7. Ivory-white. Very fragrant. Midseason	\$ 1.00	\$2.50
Baroness Schroeder. 9.0. Light pink tint, opening to pure white. Globe-shaped. Late	1.50	3.50
Couronne d' Or. 8.1. Snow-white with yellow circle of stamens. Large blooms. Late. Excellent cut-flower .....	.75	2.00
Duchesse de Nemours. 8.1. Sulphur-white free of red markings. Vigorous growth. Early. Fragrant..	.75	2.00
Enchanteresse. 8.9. Creamy white, scarlet splashings. Late. Fragrant. Strong stem	6.00	
Festiva Maxima. 9.3. Early and very large. Center flaked crimson. Splendid in every way.....	.75	2.50
Jeanne d'Arc. 7.9. Cream-white with pale lilac center. Fragrant. Blooms freely .....	.75	2.50
La Rosiere. 8.3. Large flat blooms of creamy-white with prominent golden stamens	1.00	3.00
La Tulipe. 7.5. Delicate lilac-white fading to cream. Late season....	.75	2.50
Le Cygne. 9.9. Considered nearly perfect peony. Large white flowers of globular form. Splendid dark foliage. Stiff stems. Mid-season	18.00	
Mme. Crousse. 7.9. Snow-white; center petals carmine edged. Mid-season .....	.75	2.00
Marie Lemoine. 8.5. Latest blooming creamy-white .....	.75	2.00
Mons. Dupont. 8.5. Cup-shaped flower, glistening white. Center petals have bright crimson markings	1.00	2.50
Mme. de Verneville. 7.9. Very full, heavy flower. Blooms early and freely. Delicate fragrance.....	.60	2.00



A rival of the rose in fragrance and beauty.

	Roots Each	Clumps Each
Mme. Jules Dessert. 9.4. Creamy white lighted with buff and salmon shades. Golden stamens add further beauty. Large flower; stiff stems. Midseason	\$ 5.00	
Primevere. 8.6. The best yellow Peony. Outer petals creamy white, enclosing a central ball of sulphur-yellow	4.00	

PINK SHADES

Albert Crousse. 8.6. Delicate flesh-pink. Compact flowers with good fragrance	1.00	\$3.00
Claire Dubois. 8.7. Deep violet-rose tipped silvery white. Large flower. Tall and strong. Late.....	1.50	
Delicatissima. 7.6. Clear pink. Early .....	.75	2.00
Edulis Superba. 7.6. Bright mauve pink. Early .....	.75	2.00
Elwood Pleas. 8.7. Large flat bloom of soft pink, delicate shadings. Fragrant, holds color well.....	5.00	
Eugene Verdier. 8.3. Late. Hydrangea-pink	2.00	4.50
Lady Alexandra Duff. 9.1. Soft delicate pink. Fragrant. Large and very double flowers. Midseason.	5.00	
La Verne. (Pink Baroness Schroder). A splendid flower of deep shell pink. Rose type. Mid-season	3.00	
Livingstone. 8.1. Large full; soft rose-pink, silver tips. Strong grower. Late	1.00	2.50
Martha Bulloch. 9.1. Shell-pink shading to deep rose-pink in center. Enormous flowers. Fragrant. Mid-season	12.00	
Mme. Boulanger. 7.8. Glossy, soft pink. Fragrant. Late	1.50	3.00
Mme. Calot. 8.1. Flesh with shell-pink shadings .....	.75	2.50

A Peony clump will give many flowers for cutting year after year.

PINK SHADES—Continued

	Roots Each	Clumps Each
Mme. Camille Bancel. 7.9. Deep pink, lighter center. Globular bloom	\$ 1.00	\$2.50
Mme. Emile Galle. 8.5. Delicate shell-pink. Sweetly fragrant.....	1.00	
Marguerite Gerard. 8.4. Delicate salmon-pink, shaded lighter. Mid-season	1.00	2.50
Mons. Jules Elie. 9.2. Lilac-rose with silver sheen. Very large; fragrant. Early	1.00	2.50
Octavie Demay. 8.5. Blush-pink. Large. Early	1.00	
Phoebe Carey. 8.8. Rose-pink with deeper shades to center. Pleasing fragrance; late blooming.....	6.00	
Reine Hortense. 8.7. Delicate pink with center flecked crimson. Perfect flowers on tall, stiff stems. Mid-season	2.50	
Richardson's Grandiflora. 8.8. Shell pink	1.00	2.50
Sarah Bernhardt. 9.0. Apple-blossom pink, silver tipped. Late. Fragrant	3.50	
Solange. 9.7. Lilac-white with deep orange-salmon tints. Large, full, compact. Exquisite flower.....	6.00	
Therese. 9.8. Unexcelled, light pink. Tourangelle. 9.4. Flesh white, tinged rose and salmon. Large flower	5.00	10.00
Venus. 8.3. Fragrant; delicate pink	1.50	
Walter Faxon. 9.3. Brilliant salmon-pink, outstanding color. Midseason	6.00	

RED SHADES

Auguste Villaume. 7.3. Violet-rose. Late	\$ 1.00	\$2.50
Charles McKellip. 7.8. A deep, bright red of semi-rose form. Mid-season	3.00	
Delachei. 7.1. Rich crimson-maroon. Always blooms .....	.75	2.00
Felix Crousse. 8.4. Brilliant red. Large globular flower. Fragrant. .....	.75	2.50



Peonies are unrivalled for their mass of showy flowers.

Our Choice Peony Collection

Six good roots, all different. Each assortment will have early and late blooming varieties in white, pink and red colors.

Value \$4.50

SPECIAL COMBINATION PRICE,
(6 plants).

\$3.50

(Packing Free—Express Extra).

	Roots Each	Clumps Each
Fontenelle. Early, clear brilliant crimson. Good cut flower.....	\$ 1.00	
Grover Cleveland. 8.2. Dark crimson. Large flowers of rose type. Vigorus grower. Late.....		2.00
Karl Rosefield. 8.8. Rich, glowing crimson. Immense, solid flower. Superb variety. Mid-season.....	1.50	\$4.00
Longfellow. 9.0. Crimson with cherry tones. One of the best bright reds. Color never fades..	5.50	
Lora Dexheimer. 8.4. Early, large. Bright crimson. Stiff stems.....	3.00	
Madame Gaudichau. 8.2. Dark crimson-garnet. Very rare.....	9.00	
Mary Brand. 8.7. Deep red. Mid-season. Large flowers. Productive	3.00	
Mme. Bucquet. 7.3. Dark maroon. Midseason .....	.75	
Mons. Martin Cahuzac. 8.8. Darkest red Peony	3.00	
Officinalis Rubra. 8.6. Earliest red. Old favorite..	1.00	2.00
Richardson's Rubra Superba. 7.2. Deep carmine-crimson. Late blooming. Fragrant.....	.75	2.00
Tenuifolia fl. pl. 8.5. Early crimson, very finely cut, fern-like foliage.....	3.00	
Wm. F. Turner. 8.4. A red of very dark hue—almost a garnet. Tall and strong growth. Mid-season	5.00	

SINGLE FLOWERED PEONIES

Popular taste is rapidly awakening to the beauty and charm of the single flower. Their simplicity and delicate structure leads many to prefer them to the heavy, double showy type.

Albiflora. (The Bride). 8.4. Large white.....	\$ 2.00	\$5.00
Etienne Dessert. Large, cup-shaped china pink flower with golden stamens.....	4.00	
Exquisite. 8.9. White center yellow stamens. Mid-season	10.00	
L'Etincelante. 8.4. Clear carmine; silvery margins	3.00	
Le Jour. 8.6. Splendid flower of pure white showing yellow stamens and red stigmas.....	5.00	
Margaret Atwood. 8.7. Cup-shaped; pure white. gold center. Very rare.....	10.00	
Marie Jacquin. 8.2. Delicate flesh-white, commonly called "the water lily".....	1.00	
Mikado. 8.6. Dark crimson. Like a giant red Poppy. Gold center.....	2.00	4.00
Tenuifolia. 7.8. Crimson. Cut-leaf foliage.....	1.00	2.00

We have a wonderful supply of choice peonies.



PHLOX—All Hardy Varieties

The Most Beautiful of the Late Summer Flowers

PHLOXES are very hardy floriferous perennials that give bold, brilliant color effects from July to frost. They can be had in pure white, pink, lavender and crimson and in varying combinations of these colors. Filling in, as they do, the period between the late spring and fall blooming plants when the general garden bloom is not abundant, they are practically indispensable to the well-arranged planting.

WHERE TO PLANT. They are exceedingly attractive when planted in masses of a single kind in a bed or border. Their midsummer bloom makes them a most valuable addition to beds where such spring-blooming plants as Iris, Peonies, Poppies, etc., are located.

CULTURE. Phloxes are gross feeders and react quickly to plenty of rich soil and to abundant watering in dry seasons. The old clumps should be divided and re-planted at least every fourth year.

QUANTITY RATE. Ten or more plants of a variety will be supplied at 5c less per plant. Example: Plants priced at 35c each are \$3.00 for ten.

B. Comte. Bright purplish crimson with satiny sheen. Medium height. 35 cts.; 2 yr., 50 cts.

Baron Von Dedem. Large trusses of brilliant scarlet, blood-red flowers. 35 cts.; 2 yr., 50 cts.

Bridesmaid. Tall, with flowers of pure white, with large, crimson-carmine eye. 35 cts.; 2 yr., 50 cts.

Champs Elysees. Large trusses of dark crimson-purple. 35 cts.; 2 yr., 50 cts.

Dr. Konigshofer. Brilliant orange-scarlet, with dark blood-red eye. Medium height. Mid-season. 60 cts.; 2 yr., 75 cts.

Elizabeth Campbell. Very large spikes, with flowers of quite a new color—light salmon changing to pink in the center. 50 cts.; 2 yr., 75 cts.

Eugene Danzanvillier. Soft lavender shading lighter to center. 40 cts.; 2 yr., 60 cts.

Frau Anton Buchner. Undoubtedly the finest pure white Phlox which has as yet been raised. Large flowers of perfect form. 35 cts.; 2 yr., 50 cts.

F. G. Von Lassburg. Purest white; individual flowers very large. Tall, mid-season. 35 cts.; 2 yr., 50 cts.

General Van Heutz. Brilliant salmon red, with white center. 35 cts.; 2 yr., 50 cts.

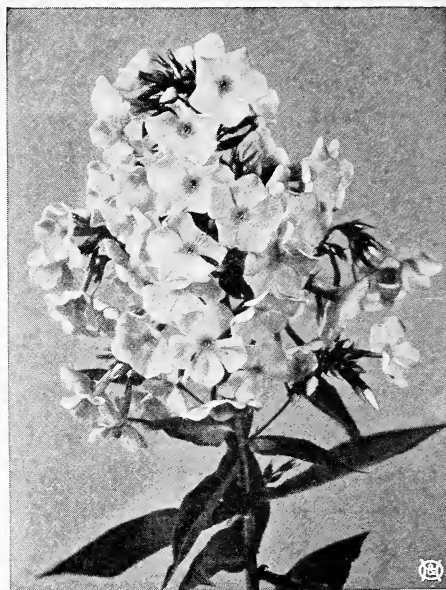
Miss Lingard. The most popular white. Immense heads of white flowers in late June and again in Sept. 35 cts.; 2 yr., 50 cts.

Mme. Bezanson. Rich crimson, medium height. 40 cts.; 2 yr., 60 cts.

PHLOX Subulata. An early spring-flowering type which during the flowering season is a mass of bloom. An excellent plant for the rockery and border, and invaluable for carpeting the ground or covering graves.

Rosea. Pink. 25 cts.; 2 yr., 40 cts.

Alba. White. 25 cts.; 2 yr., 40 cts.



PERENNIAL PHLOX.

Mrs. Charles Dorr. A beautiful shade of lavender. Very large conical heads. 35 cts.; 2 yr., 50 cts.

Mrs. Jenkins. Immense trusses of pure white flowers. Early. 35 cts.; 2 yr., 50 cts.

Pantheon. Deep salmon-rose; light center. Very large flower. Tall. 35 cts.; 2 yr., 50 cts.

Rheinlander. A most beautiful salmon-pink with deeper center. Immense size. 35 cts.; 2 yr., 50 cts.

Rynstrom. A lovely rose pink, much like Paul Neyron rose. Very large flower heads. 35 cts.; 2 yr., 50 cts.

R. P. Struthers. Rosy carmine with claret-red eye. Very bright; tall. 35 cts.; 2 yr., 50 cts.

Tapis Blanc. The finest of the dwarf white Phlox. Snow-white flowers of large size. Height, 8 to 9 ins. 35 cts.; 2 yr., 50 cts.

Thor. A rich salmon pink with crimson eye. 35 cts.; 2 yr., 50 cts.

W. C. Egan. Soft shade of lilac with bright red eye. General effect is a soft rose color. 35 cts.; 2 yr., 50 cts.



SPECIAL OFFER Choice Phlox Assortment

12 field-grown roots, 2 each of six standard varieties, selected for variation in colors. Value, \$4.20.

Special Combination Price
(12 plants)..... **\$3.50**

Packing free—Express extra.

ROSES

The Queen of Flowers



AN EXPERIENCE of real pleasure is in store for those who have never grown roses. That the fragrance and beauty of roses can be enjoyed in our northern gardens is now a proven fact. It is needful, however, to plant only the hardier sorts and to provide winter protection. Our list contains both old and new varieties that through actual test have shown real merit.

PLANTING SUGGESTIONS. Make the rose bed in rich soil in a sunny, warm location free of tree roots. Bone meal and well-rotted manure are excellent fertilizers.

WINTER PROTECTION (for all but "Rugosas" and "Bush Roses"). In late fall heap up the ground around the base of the plants to 12 inches. After freezing weather bind the tops with dry straw and mulch the bed with straw or leaves. A top covering of tar paper over the bushes keeps out moisture. Climbing Roses should be laid prone, covered with 12 inches of soil and a top of tar paper.

HYBRID TEA ROSES MONTHLY OR EVERBLOOMING

As a group these roses are not as heavy growing nor as hardy as the Hybrid Perpetuals. Careful winter covering is essential. Their rich coloring, fragrance and long blooming season make them very popular.

To insure maximum results we offer potted H. T. Roses—all strong 2 yr. plants that are started and growing when you get them.

Price—\$1.50 each (except where noted). **2 yr., growing, potted plants.**

Columbia. Rose pink; delightful fragrance.
George Dickson. Deep velvety crimson. Never fades.
Gorgeous. Orange-yellow flushed copper-yellow.
Gruss an Teplitz. Scarlet shading to crimson.
Jonkheer J. L. Mock. Deep pink.
Kaiserin Augusta Victoria. Creamy-white.
Killarney. Flesh pink. Very fragrant.
Killarney White. Continuous blooming white.
La France. Silvery rose and pink. Large.
Los Angeles (New). Flame touched with coral and gold. Highly fragrant.
Miss Lolita Armour (New). Deep coral-red with gold and coppery-red suffusion.
Mme. Caroline Testout. Bright satiny rose.
Mme. Edouard Herriot. Coral-red, shaded yellow.
Mrs. Aaron Ward. Distinct Indian yellow.
Ophelia. Flesh color tinted salmon and rose.
Radiance. Brilliant pink.
Red Radiance. Large full flowers of deep red.
Richmond. Rich velvety-crimson. Fragrant.
Rose Marie. Clear rose-pink. Long buds.
Soleil D'or. Gold and orange-yellow.
Souvenir de Claudius Pernet (New). Pure sun-flower yellow. Holds color. \$2.00 each.
Willowmere. Salmon-pink shaded yellow.



A HYBRID TEA ROSE.

HYBRID PERPETUAL ROSES THE HARDIEST TYPE OF LARGE-FLOWERING GARDEN ROSES

To insure maximum results we offer potted H. P. Roses—all strong 2 yr. plants that are started and growing when you get them. Results are certain.

Price—\$1.50 each, growing, potted plants.
Anna de Diesbach. Brilliant crimson; very double.
Baron de Bonstetten. Rich dark red; fragrant.
Capt. Hayward. Crimson-carmine; large perfect form.
Clio. Flesh-color, shaded rosy pink center.
Frau Karl Druschki. Silvery white; large.
General Jacqueminot. Brilliant crimson.
George Arends. Large, rose-pink.
J. B. Clark. Intense scarlet.
Madame Gabrielle Luizet. A magnificent pink.
Magna Charta. Bright pink, suffused carmine.
Margaret Dickson. Pure white; fine form.
Mrs. John Laing. Soft, delicate pink.
Paul Neyron. A beautiful deep rose; the largest.
Prince Camille de Rohan. A velvety crimson.
Ulrich Brunner. Brilliant cherry-crimson.

BABY RAMBLER ROSES

These Polyantha roses bloom in clusters continuously through the summer. Their dwarf, compact habit suits them to border planting. A highly desirable type for the home yard.

Price—Strong 2-yr. growing, potted plants, \$1.50 each.

Baby Rambler. Clusters of crimson Roses over a long season.
Baby Tausendschon. Flesh-pink flowers.
Ellen Poulsen. Deep pink flowers. Vigorous.

Plant our potted, growing roses and be sure of flowers.

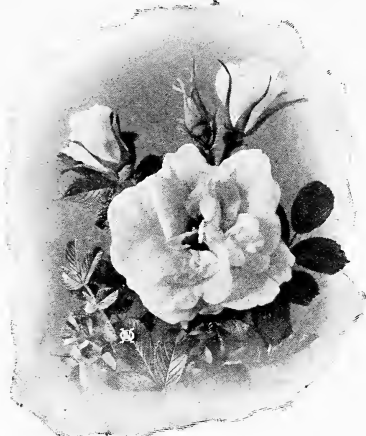


ROSES—Continued

HARDY RUGOSA ROSES

THE extreme hardiness, vigorous growth and dark ornamental foliage of the Rugosas make them highly valued for Northern plantings. Will survive without winter protection. Often used for hedges and in shrubbery beds.

Price (except where noted) Strong 2-yr. bushes, \$1.25 each.



ROSA RUGOSA—Japanese Rose.

Blanc de Coubert. Fragrant, double white.

Conrad Ferdinand Meyer. Silvery rose; fragrant.

F. J. Grootendorst. Continuous bloomer. Bright, crimson roses in clusters.

Hansa. A large, double deep-red rose.

Rugosa Alba. Single, pure white.

Rugosa Rosea. The original type. Pink flowers followed by bright red fruits. 80 cts. each; 3 yr. plants, \$1.00 each.

MOSS ROSES

A much loved, old-fashioned Rose with a delicate mossy covering on the buds.

Price—Strong, 2 yr., growing potted plants, \$1.30 each.

Crested Moss. Deep pink; exquisite fragrance.

SWEETBRIAR ROSES

Rubiginosa. The well-known Sweetbriar with aromatic foliage and sweetly fragrant pink flowers.

Price—2-yr. growing, potted plants, \$1.30 each.



Collection Monthly Roses (Hybrid Teas)

These will give many fragrant flowers over a long season. Wonderful for cutting.

4 choice roses—all different, in shades of Red, White, Pink and Yellow.

These 4 potted, growing plants, value..\$6.00

Special group price.....**\$5.00**
(Packing free—Express extra)

BUSH ROSES

A hardy class of roses used largely as flowering shrubs in borders, on banks and in naturalistic plantings. Do not need winter protection.

Price—(except where noted). Strong 2-yr., plants, 70 cts. each.

Acicularis. A very hardy type with bright pink flowers followed by red fruits. Red stems.

Lucida. Handsome glossy foliage. Pink flowers. Red fruits. Very hardy.

Rubrifolia. Reddish-purple leaves all summer. \$1.00 each.

Harrison's Yellow. Clear golden yellow. \$1.25 each.

Persian Yellow. Deep yellow. Double. \$1.25 each.

CLIMBING ROSES

Price (except where noted). Strong, 2-yr. growing, potted plants, \$1.00 each.

American Pillar. Bright, clear pink; white eye.

Climbing American Beauty. Rich carmine, \$1.25 each.

Crimson Rambler. Crimson roses in clusters.

Dorothy Perkins. Clear shell-pink.

Dr. W. Van Fleet. Large flowers of light pink, shading deeper at center. Long stems. Fragrant. \$1.25 each.

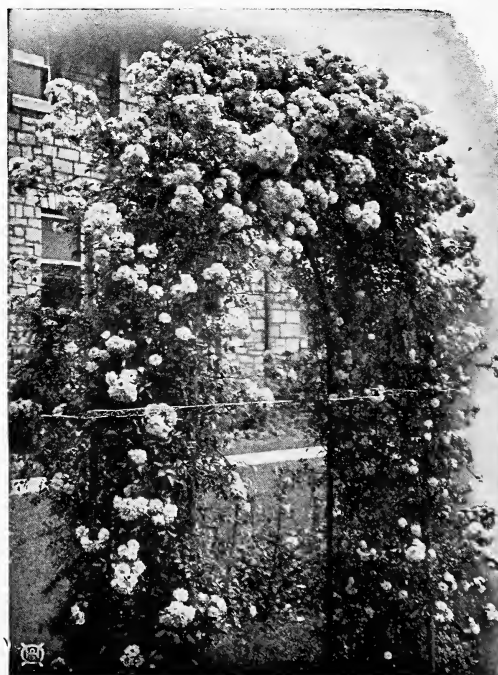
Excelsa. Very double intense crimson flowers.

Gardenia. The hardiest yellow climbing rose.

Mary Wallace. (New) Perfect flowers of vivid pink flecked salmon at the base. Superb foliage. \$1.50 each.

Paul's Scarlet Climber. Large flowers of vivid-scarlet. Free blooming. \$1.25 each.

Silver Moon. Silvery white. Glossy foliage. \$1.25 each.



Have an Arch of Roses at the Garden Entrance.

We'll help you plan your Rose Garden.

DELICIOUS FRUITS

For Yard or Garden

Know the joy of harvesting your own fruit off of your own place.

Fruits are easy to grow.



THE planting of fruit trees and berry bushes in the home yard is a practical and worth-while investment. The fruit trees not only give desirable shade, but further repay the planter for their modest cost by their beautiful masses of spring flowers and their yield of fruit.

The berry bushes and grapes take up so little space that every yard can easily accommodate enough plants to supply practically all the luscious fresh fruit that is wanted. Years of experience in growing fruit in Minnesota permits us to recommend the following varieties as reliable and sturdy sorts for our Northern conditions. We welcome your inquiries as to fruit culture and care.

HARDY CRAB APPLES

In addition to their food value the "Crabs" have highly ornamental qualities of blossom and fruit.



Prices:	Each	10
4 to 5 ft., 2-yr. stock ..	\$1.00	\$ 9.00
5 to 6 ft., 3-yr. stock ..	1.25	11.00
6 to 7 ft., 3 and 4-yr. stock ..	1.50	14.00

Extra large sizes, in some varieties, at \$2.00 to \$7.50 each.

Early Strawberry. Early. Medium size, red striped.

Minnesota. Extremely hardy. Large. Yellow and green fruit. Bears liberally.

Transcendent. Yellow blushed with carmine. Very juicy. Acid flavor.

Whitney. Large red fruit. Early. Good eating.

HARDY APPLES

THE PEER OF ALL HARDY TREE FRUITS

A spacing of about 25 ft. between trees is considered best.

Prices. Except where noted:	Each	10
4 to 5 ft., 2-yr. stock ..	\$1.00	\$ 9.00
5 to 6 ft., 3-yr. stock ..	1.25	11.00
6 to 7 ft., 4-yr. stock ..	1.50	14.00

Extra large sizes can be furnished in most of the varieties at \$2.00 to \$10.00 each.

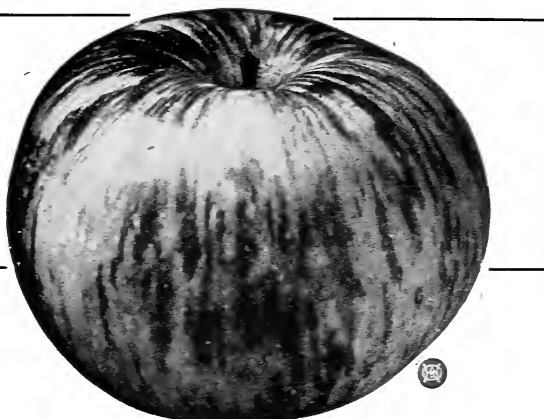
Duchess. Yellow with red stripes. Very hardy.

Folwell. A large greenish-yellow fruit blushed with red. Tender, fine grained flesh. Keeps until mid-winter. Price: 5 to 6 ft., \$2.00.

Haralson. Large fruit of deep red color; flesh white and crispy. A superb winter apple. Keeps well until spring. Price: 5 to 6 ft., \$2.00.

Northwestern Greening. Pale green. Good quality.

Patten's Greening. Desirable for eating or cooking.



DUCHESS OF OLDENBURG APPLE.

Wealthy. Hardy, abundant bearer. Red fruit.

Yellow Transparent. Early. Hardy. Good eating.

HARDY PLUMS

Plums are especially adapted to home-yard plantings as the trees are of moderate size and can be planted 16 to 18 ft. apart. When in blossom they are highly ornamental, while the abundant fruit is a choice culinary and table delicacy.

Prices	Each	10
4 to 5 ft., 2-yr. stock ..	\$1.50	\$14.00
5 to 6 ft., 2 and 3-yr. stock ..	1.75	16.00
5 to 7 ft., 3-yr. stock ..	2.00	19.00

Extra large sizes, in some varieties, at \$3.00 to \$7.50 each.

Kahinta. (New) A thin-skinned dark-red plum over 2 inches in circumference. Free-stone. Tall, upright tree.

Loring Prize. Large, bright red. Juicy, sweet and mildly acid. Ripens early.

Monitor. Minn. origin. (New). Large, dark red. Vigorous growing. Firm, sweet flesh. Late.

Tonka. Minn. origin. (New). Very hardy, dependable and productive. Red fruit; semi-free-stone. Mid-season.

Underwood. Minn. origin. (New). Early ripening. Red fruit, small pit; free-stone. Very hardy.

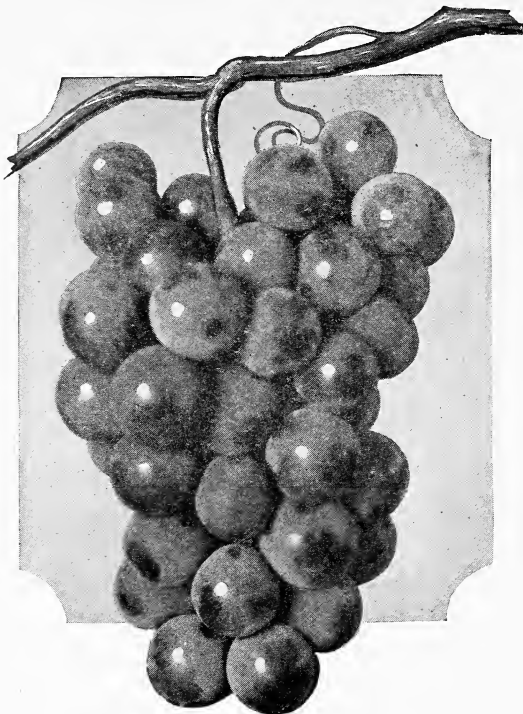


PLUMS—A choice, easy-to-grow fruit.

Our fruits grow well in this region.



FRUITS—Continued



GRAPES

The Universal Fruit

Since the grape thrives in most any soil and grows so readily on porches, trellises, arbors or fences, it is very adaptable to home yard planting. Space, 6 to 8 ft. apart. For more complete descriptions see our book, "CREATING YOUR LANDSCAPE," sent on request.

BLACK GRAPES

Prices—Strong 2-yr. roots, 60 cts.; 3-yr roots, 80 cts.

Alpha. A native variety remarkable for its good size and flavor. Healthy and vigorous vine. Exceedingly hardy.

Beta. Minn. origin. Very hardy. Large. The best for cooking and grape juice. Has the hardiness and sprightly flavor of the wild grape.

Concord. The large, popular black grape.

Campbell's Early. An early fruiting black grape.

Worden. Early ripening. Berries large and sweet.

RED GRAPES

Prices—Strong 2-yr. roots, 60 cts.; 3-yr. roots, 80 cts.

Brighton. Large grapes in uniform clusters.

Delaware. Good dessert grape. Light red; medium size.

WHITE GRAPES

Prices—2-yr. roots, 60 cts; 3-yr. roots, 80 cts.

Niagara. Very popular early ripening sweet grape.

CHERRIES

The Morellos or "Pie Cherries" are the only true cherries hardy for Minnesota. These are not recommended for plantings North or West of the Twin Cities.

Prices:	Each	10
4 to 5 ft., 2-yr.		
stock	\$1.50	\$14.00
5 to 6 ft., 3-yr.		
stock	2.00	18.00

Wragg. Dwarf tree. Heavy bearer of dark red, meaty fruit.

Homer. Minn. origin. Dark red, good sized fruit.



CHERRY PLUM HYBRIDS

Prices—Except where noted: 4 to 5 ft., \$1.25; 5 to 6 ft., \$1.50.

Compass. Bright red fruit with distinct cherry flavor. Very hardy. Bears abundantly. Fine for cooking or canning.

Opata. Dark purplish red, fruit size of large sweet cherry. Pleasing flavor. Tree bears heavily.

Sapa. An early ripening plum-cherry with deep wine-red flesh. Bears abundantly.

Zumbra. Cross between Sweet Cherry and native Sand-Cherry. Fruit large; dark red; small pit. Very close to a sour cherry. Good for dessert or for preserving. Quite hardy. Price: 4 to 5 ft., \$1.50; 5 to 6 ft., \$2.00.

CURRENTS

A highly profitable and productive fruit. Plant about four feet apart.

Prices. Except where noted:

Strong 2-yr. plants40 cts.; \$3.50 per 10

Strong 3-yr. plants60 cts.; 5.00 per 10

Cherry. Large bright red berries; rather acid.

Perfection. (New). A very large red berry in heavy clusters. Price: 2-yr., 50 cts.; 3-yr., 70 cts.

White Grape. A large, white sweet currant.

RASPBERRIES

The Raspberries are very easy to grow and are practically certain to produce abundant crops every season. A row can easily be included in the home garden or can be planted along the side or rear property lines. Space 3 ft. apart, with 5 ft. between rows.



RED RASPBERRIES

Prices:

20 cts. each; \$1.50 for ten.

King. An early-ripening, large size bright-red berry. Hardy and productive.

Latham (Minn. No. 4). A vigorous hardy bush with heavy yields of large delicious, red fruit. (Our plants are Mosaic free).

St. Regis. Ripens early and continues to bear until October. Good size, bright red berries.

BLACK RASPBERRIES

(Not as hardy as the Red varieties. Need winter protection.)

Prices—20 cts each; \$1.50 for ten.

Older. A low-branching bush considered the hardest of the blackcaps. Fruit juicy and sweet.

We grow only the most hardy varieties of fruits.

STRAWBERRIES

The favorite small fruit. The Strawberry grows so easily and yields so abundantly that anyone can grow enough fresh berries for the table in a small patch in the yard. Space the plants 1 ft. apart in the rows with rows at 3 ft. intervals. Apply a winter mulch of straw after the ground freezes in the fall.

**JUNE-BEARING STRAWBERRIES**

Prices—Strong plants, 40 cts. per doz.; \$2.75 per 100.

Senator Dunlap. The best known and most planted variety. Does well everywhere. Large crops of big, deep-red berries. Early fruiting.

EVERBEARING STRAWBERRIES

Fresh strawberries from middle summer until frost. Keep the blossoms picked off until July 15.

Progressive. Vigorous growing and productive. Good size berries of fine flavor and appearance. Plants set this spring give good crop this summer. We are convinced that this is the best of the Everbearing varieties.

Prices—Strong plants, 60 cts. per doz.; \$4.50 per 100.

GOOSEBERRIES

A very hardy and vigorous growing bush fruit. Space, 3 to 4 ft. apart in fertile soil.

Prices:

Strong 2-yr. plants, 40 cts.; \$3.50 for 10.

Strong 3-yr. plants, 60 cts.; \$5.00 for 10.

Downing. A large oval pale green berry.

Houghton. A pale red, sweet berry.

ASPARAGUS

Easy to grow and will last indefinitely. Set the plants with the crowns 2 inches below the surface. Allow 15 inches between plants.

Prices—Strong roots, 75 cts. doz.; \$4.00 per 100.

Washington Rust Proof. An excellent green asparagus. Always favored for table use.



The Gooseberry makes a delectable preserve.

BLACKBERRIES

Need winter protection. Canes should be bent over and covered with earth. Space 3½ ft. apart.

Prices—20 cts. each; \$1.50 for ten.

Eldorado. Large jet-black berries in clusters. Sweet flavor.

RHUBARB OR PIE-PLANT

A choice early-spring delicacy for sauces and pies.

Prices—Strong roots, 25 cts. each; \$2.50 per dozen.

HORSERADISH

A few roots will supply all the fresh relish needed.

Prices—Strong roots, 20 cts. each; \$2.00 per dozen.

GARDEN BOOKS OF SPECIAL VALUE

THESE books are intensely practical and we recommend them as a reference library of interesting and instructive horticultural information. We supply them at the publisher's prices.

GARDEN GUIDE. This book tells how to plan, plant, and maintain the home grounds; how to grow good vegetables and fruit; how to raise beautiful flowers; how to take care of porch plants, lawns, window-boxes. 250 pages, profusely illustrated. Cover in four colors. Price, postpaid, paper, \$1.10; cloth cover, \$1.65.

MILADY'S HOUSE PLANTS. By F. E. Palmer, a recognized authority. Any woman, with the aid of this book, may have a fine collection of plants to add cheer and beauty to the home during the fall and winter months, then in spring and summer to lend their beauty to the outdoor planting. Profusely illustrated with 1000 instructive pictures.

Cover in four colors. Price, postpaid, paper, \$1.10; cloth cover, \$1.35.

PRACTICAL LANDSCAPE GARDENING. By Robert Cridland. Written by a practical landscape architect who tells in simple texts, with profuse illustrations, how to plan, plant, and develop the home yard. Working plans and photographs of finished results are given. The result of twenty years' experience. 266 pages, handsome cover in four colors. Price, postpaid, \$2.65.

THE LITTLE BOOK OF PERENNIALS. By Prof. A. C. Hottes. Devoted to the principle of growing, using and propagating the hardy perennial flowers. Discusses over 125 species with most of them illustrated. Price, postpaid, paper, \$1.10; cloth cover, \$1.65.

ASK FOR LIST AND PRICES OF OTHER USEFUL GARDEN BOOKS

Consult our Landscape Department. See page 2.

H. & O's High Test Grass Seed



A SOFT carpet of grass over the yard—
—it's luxuriant green, restful and in-
viting—is the most sought after of all
landscape embellishments. Even the most
modest home has great charm and beauty
when surrounded by a trim, neat lawn.
Good lawns are the logical result of sow-
ing good grass seed on fertile, prepared soil and bestowing a
reasonable amount of after-care and consideration on its upkeep.

Soil Preparation must be thorough. Plow or spade, grade
and lastly pulverize the surface. Any fertilizer used should be
worked well into the ground.

Seeding. The best quality seed costs only a few cents more
per pound than unreliable, cheap mixtures. Use the best obtain-
able and realize the most from your work and planting. Sow
one pound to every 200 square feet of area. Sow evenly, rake
lightly and water thoroughly.

Watering, when required, should be sufficient
to soak the soil. Light sprinklings are harmful.

Our book, "The Principles of Lawn Making,"
will be sent, without charge, on request.

(Note. Add 8c per pound to prices listed on all
grass seed wanted by Parcel Post.)

VELVET-SOD MIXTURE

A very high grade mixture of those hardy grasses that will
combine to make a beautiful and lasting lawn. Especially pre-
pared to withstand our Northern climatic conditions. Its weight,
over 20 pounds per bushel, clearly indicates its purity and free-
ness from chaff and adulteration. We use this mixture on all our
landscape contracts and recommend it highly.

Lb., 55 cts. 5 lbs., \$2.50 10 lbs., \$4.75 20 lbs., \$9.00

SHADY-SIDE MIXTURE

By using this seed it is possible to get a growth of lawn under
trees and in shady places where the ordinary grasses will not
grow. Has always proven satisfactory for such positions.

Lb., 60 cts. 5 lbs., \$2.75 10 lbs., \$5.30 20 lbs., \$10.00

TERRACE MIXTURE

A special mixture of spreading, deep-rooting grasses that will
thrive and hold the soil on terraces and slopes. It is very resistant
to drought and poor soils and gives results where the ordinary
grasses fail.

Lb., 55 cts. 5 lbs., \$2.50 10 lbs., \$4.75 20 lbs., \$9.00



SOW VELVET-SOD MIXTURE—The best seed obtainable.



WHITE CLOVER

The best Clover for lawn use because of its small leaves and
dense, close growth. It is often sown on new lawns for its pro-
tection to the tender grasses the first year. Admired by many
for its fragrant dainty flowers.

½ lb., 40 cts. 1 lb., 75 cts. 5 lbs., \$3.60 10 lbs., \$7.00

KENTUCKY BLUE GRASS

A beautiful grass that should be the main constituent of every
good lawn here in the North. Sometimes used alone, but becomes
better established if sown in mixtures. Our seed is choice grade
carefully re-cleaned of the high average weight of 21 lbs. per bu.

Lb., 50 cts. 5 lbs., \$2.35 10 lbs., \$4.50 20 lbs., \$8.50

FERTILIZERS

For Lawn and Garden

Old lawns often become spotted in appearance
—the grass losing its fresh green color and dry-
ing out in patches. This condition indicates that a
plant food is needed, that the grass roots are starv-
ing. An application of our prepared fertilizer—
inexpensive, free of weed seeds and easy to handle,
will give the lawn new life. It is good practice to
broadcast a fertilizer dressing over the lawn each
spring and so keep the grass healthy and vigorous.
Always wet down the grass with the hose after
spreading the plant food.

SPECIAL LAWN FERTILIZER. A mixture of the best plant
foods that will revive the grass growth and add nourishment.
Sow evenly using 25 pounds per 1,000 square feet.

10 lbs., \$1.00 50 lbs., \$2.25 100 lbs., \$4.00

BONE MEAL. A splendid fertilizer for Roses, Peonies, flower
or shrub beds. High phosphate content. Frequently used on the
lawn (30 pounds to 1,000 square feet).

10 lbs., \$1.00 50 lbs., \$2.25 100 lbs., \$4.00

HARDWOOD ASHES. Valued as a lawn fertilizer because of
its high potash content. Use 40 pounds per 1,000 square feet.

10 lbs., 75 cts. 50 lbs., \$1.75 100 lbs., \$3.00

SHEEP MANURE (Pulverized). A quick acting plant food for
general use about the lawn, flower beds or garden. For lawns
use 30 pounds per 1,000 square feet and wet down. This is a
pure, natural manure rich in nitrogen and potash and free of
weed seeds or litter.

10 lbs., 75 cts. 50 lbs., \$1.75 100 lbs., \$3.00

NITRATE OF SODA. The cheapest form in which to apply nitro-
gen stimulant to plants encouraging quick, green growth. Not
a general plant food. For lawns sow 8 pounds to 1,000 square
feet and wet down.

10 lbs., \$1.25 50 lbs., \$4.50 100 lbs., \$8.00

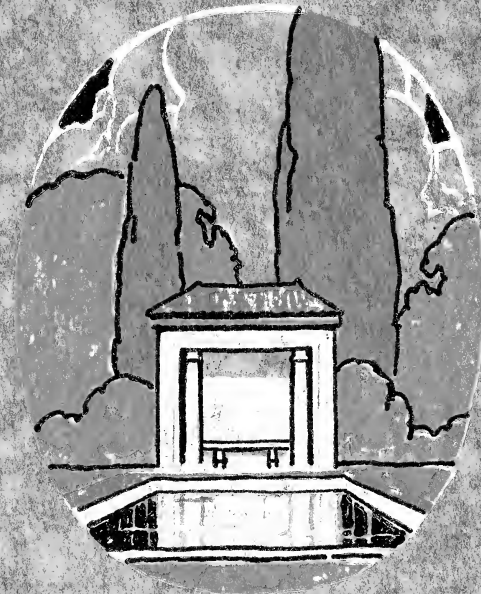
You can have the finest lawn in your block—Ask our gardener.

INDEX OF PLANT VARIETIES

This Index shows all items listed in our 1927 catalogue; both the common and botanical names of trees, plants, and shrubs are given, which will help you locate varieties and descriptions.

	Page		Page		Page		Page
Abies	6	Cornus	10, 11	How to Plant Hedges..	18	Platycodon	25
Acer	3	Cotoneaster	10, 18	How to Trim Shrubs..	12	Plum-Cherry	34
Achillea	21	Crab, Flowering ...	3	Hydrangea	12	Plum, Flowering..	5, 14
Aconitum	21	Cranberry, High-		Indigo, False	9	Plum, Purple....	5, 14
Adam's Needle	25	Bush.....	10	Iris	27	Plums	33
Aesculus	4	Crataegus	16	Ivy	19	Poplar	5
Alaska Daisy	21	Cress, Rock	21	Jerusalem Cross	24	Poppy	25
Almond, Flowering..	9	Cup-and-Saucer	22	Juglans	3, 5	Populus	5
Althaea	24	Currant, Flowering..	10	Junberry	12	Potentilla	14
Alyssum	21	Currant, Moun-		Juniper	6, 7	Prunus Triloba ..	5
Amelanchier	12	tain.....	10, 18	Juniperus	6	Purple Fringe	11
Amorpha	9	Currants	34	Lantern Plant,		Pyrethrum	25
Ampelopsis	19	Daisy, Alaska	21	Chinese.....	25	Quercus	5
Amygdalus	9	Daisy, Michaelmas..	21	Larkspur	24	Raspberries	34
Anchusa	21	Daisy, Moonpenny..	22	Lavender, Sea	25	Regal Lily	25
Anthemis	21	Daisy, Giant	25	Lawn Grass Seed..	36	Rhamnus	10, 18
Apples	33	Daisy, Persian	25	Liatris	24	Rhubarb	35
Aquilegia	21	Day Lily	22	Lilac	12, 13	Rhus	11, 15
Arabis	21	Delphinium	22	Lilium	24	Ribes	10
Aralia	9	Deutzia	10	Lily	24	Robinia	4, 13
Arborvitae	6	Dianthus	22	Lily-of-the-Valley ..	24	Rosa Rugosa....	14, 18
Aristolochia	19	Dictamnus	23	Linden	4	Roses	31, 32
Armeria	21	Dicentra Eximia....	23	Linum	24	Rudbeckia	25
Aronia	10	Digitalis	23	Locust, Black	4	Russian Olive	14
Arrowwood	16	Dogwood	10, 11	Locust, Flowering..	13	Salix	5
Artemisia	21	Dragonhead, False ..	25	Lonicea....	11, 18, 19	Salvia	25
Ash	3	Dutchman's Pipe ..	19	Loosestrife	24	Sambucus	11
Asparagus	35	Echinops	23	Lupinus	24	Sedum	25
Asters	21, 22	Elaeagnus	11	Lychnis	24	Shasta Daisy	25
Astilbe	22	Elder	11	Lycium	13, 19	Sheepberry	16
Baby's Breath.....	23	Elm	4	Lythrum	24	Shrubs	9
Baptisia	22	Elymus Glaucus	23	Maidenhair Tree...	4	Siberian Pea Tree..	14
Barberry	9, 18	Engleman's Ivy ..	19	Mailow	24	Snowball	14
Basswood	4	Euonymus	11	Malus	3	Snowberry	14
Beard Tongue	25	Evergreens	6	Maple	4, 5	Sorbus	5
Berberis	9	Ferns	23	Marguerite	21	Spearmint	24
Betula	3	Fertilizers	36	Matrimony Vine..	13, 19	Speedwell	25
Birch	3	Fillpendula	23	Meadowsweet	24	Spiraea..	14, 15, 18, 25
Bittersweet	19	Fir	6	Mentha	24	Spruce	7, 8
Blackberries	35	Flax	24	Milfoil	21	Statice	25
Blanket Flower	23	Forget-me-not	23	Mint	24	Stoncrop	25
Bleeding-Heart	22	Forsythia	11	Mist Tree	11	Strawberries	35
Boconia	22	Foxglove	23	Mock Orange	13	Strawberry Bush ..	11
Boltonia	22	Fraxinus	3	Monarda	24	Sumac	15
Books	35	Fringe, Purple	11	Monkshood	21	Sunflower	25
Boston Ivy.....	19	Funkia	23	Morus	5	Sweet William	22
Box Elder	3	Gaillardia	23	Mountain Ash	5	Symphoricarpos..	10, 14
Bridal Wreath	15	Gas Plant	23	Mulberry	5	Syringa	12, 13
Buckeye	4	Ginkgo	4	Myosotis	24	Tamarix	16
Buckthorn	10, 18	Golden Bell	11	Oak	5	Taxus	8
Burning Bush	11	Golden Glow	23	Oenothera	24	Thorn Apple.....	16
Buttercup	25	Golden Moss.....	25	Olive, Russian	14	Thuja	6
Butternut	3	Golden Tuft	21	Ornamental Trees ..	3	Tilia	4
Campanula	22	Gooseberries	35	Oswego Tea	24	Trollius	25
Canterbury Bell	22	Grapes	34	Pachysandra	25	Ulmus	4
Caragana	10	Grape, Wild	19	Papaver	25	Valeriana	25
Catalpa	3	Gypsophila	23	Pea Tree	14	Vegetable Roots....	35
Cedar	6	Hackberry	4	Pentstemon	25	Veronia	25
Celastrus	19	Harebell	22	Peonies	28, 29	Viburnum	16
Celtis	4	Hawthorn	11	Pepper Bush	10	Vines and Creepers..	19
Centaurea	22	Hedges	18	Perennials, Hardy..	21	Viola	25
Cherries	34	Helanium	23	Persian Daistes	25	Virginia Creper...	19
Cherry, Black	3	Heliopsis	23	Philadelphus	13	Walnut, Black	5
Chokeberry	10	Heliotrope	25	Phlox	30	Wayfaring Tree	16
Chrysanthemum	22	Hemerocallis	23, 24	Physalis	25	Weigela	16
Cinquefoil	14	Hercules Club	9	Physostegia	25	Willow	5
Clematis	19, 22	Heuchera	24	Picea	7, 8	Wisteria	19
Clethra	10	Hibiscus	24	Pie-Plant	35	Yew	8
Columbine	21	Hollyhocks	24	Pine	7	Yucca	25
Coneflower, Purple..	25	Honeysuckle..	11, 18, 19	Pink	23		
Coralberry	10	Horse-Chestnut	4	Pinus	7		
Coreopsis	22	Horse-Radish	35				
Cornflower	22						

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